



Independent Statistics & Analysis

U.S. Energy Information
Administration

Petroleum Marketing Monthly

October 2019



This report was prepared by the U.S. Energy Information Administration (EIA), the statistical and analytical agency within the U.S. Department of Energy. By law, EIA's data, analyses, and forecasts are independent of approval by any other officer or employee of the United States Government. The views in this report therefore should not be construed as representing those of the U.S. Department of Energy or other federal agencies.

Preface

The *Petroleum Marketing Monthly* (PMM) provides information and statistical data on a variety of crude oils and refined petroleum products. The publication presents statistics on crude oil costs and refined petroleum products sales for use by industry, government, private sector analysts, educational institutions, and consumers. Data on crude oil include the domestic first purchase price, the *free on board* cost (FOB) and *landed* cost of imported crude oil, and the refiners' acquisition cost of crude oil. Refined petroleum product sales data include motor gasoline, distillates, residuals, aviation fuels, kerosene, and propane. The Office of Petroleum and Biofuels Statistics at the, U.S. Energy Information Administration (EIA) ensures the accuracy, quality, and confidentiality of the published data in the *Petroleum Marketing Monthly*.

Scope of data

The data within the *Petroleum Marketing Monthly* are compiled from five EIA survey forms. The crude oil statistics are calculated from data collected on the following three survey forms: Form EIA-182, Domestic Crude Oil First Purchase Report; Form EIA-856, Monthly Foreign Crude Oil Acquisition Report; and Form EIA-14, Refiners' Monthly Cost Report.

The statistics on petroleum product sales prices and volumes are derived from Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

The data presented in Tables 45 to 47 are derived from aggregations of data from Form EIA-782C, Monthly Report of Prime Supplier Sales of Petroleum Products Sold for Local Consumption.

Sections

Monthly statistics on purchases of crude oil and sales of petroleum products are presented in the *Petroleum Marketing Monthly* in six sections:

- Highlights
- Summary statistics
- Crude oil prices
- Prices of petroleum products
- Volumes of petroleum products
- Prime supplier sales volumes of petroleum products for local consumption

The publication highlights salient statistics for the United States in the Summary Statistics section. More detailed geographic coverage occurs in the other four sections. Geographic coverage for crude oil includes country of origin for foreign crude and Petroleum Administration for Defense (PAD) Districts and individual states for domestic crude oil. Geographic coverage of the petroleum products includes PAD Districts and individual states.

Detailed statistics for crude oil, including the price of imported crude oil by country of origin, by gravity, and by crude stream, can be found in the Crude Oil Prices section.

PAD District and/or state-level statistics for petroleum products are presented in the Prices, Volumes, and Prime Supplier Sales of Petroleum Products sections. To aid the reader in determining the market changes, the majority of the tables show data for the report month and previous month for the current year, as well as the report month for the previous year.

Notes on the tables

- For the crude oil statistics referencing Form EIA-182, *United States* includes the 50 States, the outer continental shelf, and the District of Columbia. For crude oil statistics referencing either Form EIA-14 or Form EIA-856, *United States* includes the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, and all American territories and possessions. For the petroleum products data, United States includes the 50 States and the District of Columbia.
- Prices exclude taxes. Refer to the Explanatory Notes for a tax table on motor fuels.
- Some of the tables use state abbreviations. Refer to the Explanatory Notes for a table of U.S. Postal State abbreviations.
- Sales of leaded gasoline are a component of averages and totals before October 1993.
- References to *Refiners* include gas plant operators (see the Glossary for definition of *Gas plant operators*).
- *Prime supplier* refers to a firm that produces, imports, or transports any of the selected petroleum products across state boundaries and local marketing areas and sells the product to local distributors, local retailers, or end users.
- The category *retail outlet* refers to any company-operated outlet selling gasoline, on-highway diesel fuel, or propane for on-highway vehicle use (see Glossary).
- No. 2 distillate volumes and prices are classified in accordance with what the product was sold as, regardless of the actual specifications of that product (see definitions of No. 2 distillate in the Glossary).
- Beginning with the February 2007 data release, EIA revised the table formats and content for the *Petroleum Marketing Monthly* (PMM) to eliminate oxygenated gasoline as a separate category and to revise the categories of diesel fuel (i.e., ultra-low sulfur, low sulfur, and high sulfur). In conjunction with these changes, the *total* columns in certain PMM tables have been eliminated to help ensure that sensitive data reported to EIA by individual survey respondents may not be closely estimated using the aggregates published by EIA. Refer to the Product Guide for new table numbers.
- As of January 2012, EIA changed the methodology used to calculate the initial price estimates for refiner acquisition costs of crude oil. The price estimate for domestic crude oil comes from a regression model based on West Texas Intermediate (WTI) crude oil spot market prices. The price estimate for imported crude oil comes from a regression model that uses a basket of world crude oil prices. The composite price estimate is a weighted average of the domestic and imported prices based on refinery receipts data found in the *Petroleum Supply Annual*.
- Final revisions to 2010 and 2011 monthly and annual values in Tables 1, 1A, and 18–27 were added to the *Petroleum Marketing Monthly* in the March 2013 issue.
- As of the March 2016 data release, January and February 2016 OPEC and non-OPEC crude oil prices in Tables 21 and 22 were revised to include Indonesia in OPEC and exclude it from non-OPEC.
- Beginning with the November 2017 data release, EIA responded to the increase of crude oil activity in the North Dakota region. EIA replaced the North Dakota Sweet Crude Stream on the EIA-182, Domestic Crude Oil First Purchase Report with the predominant North Dakota Bakken Crude Stream to provide an accurate price estimate for an important high volume crude stream regularly traded in domestic crude oil markets.

Contents

Preface..... iii

Highlights.....vii

Summary Statistics 1

Crude Oil Prices 29

Prices of Petroleum Products 44

Volume of Petroleum Products 57

Prime Supplier Sales Volumes of Petroleum Products for Local Consumption 91

Tables

Table HL1. U.S. refiner prices and volumes of petroleum products	viii
--	------

Summary Statistics

Table 1. Crude oil prices	2
Table 1A. Refiner acquisition cost of crude oil by PAD Districts	4
Table 2. U.S. refiner prices of petroleum products to end users	6
Table 3. U.S. refiner volumes of petroleum products to end users	8
Table 4. U.S. refiner prices of petroleum products for resale	10
Table 5. U.S. refiner volumes of petroleum sales for resale	12
Table 6. U.S. refiner motor gasoline prices by grade and sales type	14
Table 7. U.S. refiner motor gasoline volumes by grade and sales type	16
Table 8. U.S. refiner conventional motor gasoline prices by grade and sales type	18
Table 9. U.S. refiner conventional motor gasoline volumes by grade and sales type	20
Table 10. U.S. refiner reformulated motor gasoline prices by grade and sales type	22
Table 11. U.S. refiner reformulated motor gasoline volumes by grade and sales type	24
Table 16. U.S. refiner residual fuel oil prices	26
Table 17. U.S. refiner residual fuel oil volumes	27

Crude oil prices

Table 18. Domestic crude oil first purchase prices	30
Table 19. Domestic crude oil first purchase prices for selected crude streams	33
Table 20. Domestic crude oil first purchase prices by API gravity	34
Table 21. F.O.B.[a] costs of imported crude oil by selected country	35
Table 22. Landed costs of imported crude oil by selected country	36
Table 23. F.O.B.[a] costs of imported crude oil by API gravity	37
Table 24. Landed costs of imported crude oil by API gravity	38
Table 25. Percentages of imported crude oil by API gravity	39
Table 26. F.O.B.[a] costs of imported crude oil for selected crude streams	40
Table 27. Landed costs of imported crude oil for selected crude streams	41

Prices of petroleum products

Table 31. Refiner motor gasoline prices by grade, sales type, PAD District, and state	45
Table 32. Refiner prices of aviation fuels and kerosene by PAD District and state	49
Table 33. Refiner prices of distillate fuels by PAD District and state	53

Volume of petroleum products

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state	58
Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state	66
Table 41. Refiner volumes of aviation fuels, kerosene, No. 1 distillate, and propane (consumer grade) by PAD District and state	78
Table 42. Refiner No. 2 diesel fuel volumes by PAD District and state	82
Table 43. Refiner No. 2 distillate and fuel oil volumes by PAD District and state	86
Table 44. Refiner residual fuel oil and No. 4 fuel volumes by PAD District	90

Prime supplier sales volumes of petroleum products for local consumption

Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state	92
Table 46. Prime supplier sales volumes of aviation fuels, No. 4 fuel oil, propane, and residual fuel oil by PAD District and state	100
Table 47. Prime supplier sales volumes of distillate fuel oils and kerosene by PAD District and state	104

Figures

Figure 1. Crude oil prices	3
Figure 2. U.S. refiner retail petroleum product prices	7
Figure 3. U.S. refiner retail petroleum product volumes	9
Figure 4. U.S. refiner wholesale petroleum product prices	11
Figure 5. U.S. refiner wholesale petroleum product volumes	13
Figure 7. U.S. refiner residual fuel oil prices	28

Highlights

Crude oil

- Monthly average crude oil prices increased in most sales categories during July. The average domestic crude oil first purchase price rose \$2.21 (4.1%) to \$56.43 per barrel.
- The average free-on-board (f.o.b.) cost of imported crude oil increased 46 cents (0.9%) to \$54.41 per barrel. The average landed cost of foreign crude oil declined 37 cents (0.6%) to \$56.82 per barrel.
- The average refiner acquisition cost for domestic crude oil climbed \$1.74 (2.9%) to \$61.55 per barrel. The average cost of imported crude oil rose \$1.02 (1.8%) to \$59.18 per barrel. The composite refiner acquisition cost for crude oil increased \$1.41 (2.4%) to \$60.57 per barrel.

Petroleum products

Motor gasoline

- Average prices for sales of motor gasoline by refiners increased for the most part during July. The average retail price rose 0.9 cent to \$2.375 per gallon, while the average wholesale price increased 7.5 cents to \$1.984 per gallon.
- Overall, sales of finished motor gasoline by refiners rose in July. Total sales increased 400,000 gallons per day (0.1%) to an average of 333.1 million gallons per day. Retail sales fell 100,000 gallons per day (0.4%), while wholesales rose 500,000 gallons per day (0.2%). DTW sales accounted for 7.0% of wholesales, while rack and bulk sales explained 89.2% and 3.8%, respectively.

No. 2 distillate

- Refiner prices for sales of No. 2 distillates rose in July. The average price for No. 2 diesel fuel sold to end users increased 2.2 cents to \$2.100 per gallon, while the average wholesale price rose 10.9 cents to \$1.983 per gallon. The average retail price for No. 2 fuel oil rose 5.0 cents to \$2.206 per gallon, while the average wholesale price increased 2.3 cents to \$1.847 per gallon.
- Monthly sales of No. 2 ultra-low sulfur diesel by refiners declined 6.3 million gallons per day (3.5%) to 172.2 million gallons per day in July. While retail sales rose 700,000 gallons per day (6.0%), wholesales fell 7.0 million gallons per day (4.2%).

Residual fuel oil

- Monthly average prices for refiner sales of residual fuel oil increased in July. The retail price for residual fuel oil rose 2.4 cents to \$1.625 per gallon, while the wholesale price climbed 11.7 cents to \$1.489 per gallon.
- Refiner residual fuel oil sales declined in July to 9.3 million gallons per day. Retail sales fell 500,000 gallons per day (15.2%), while wholesales dropped 1.2 million gallons per day (15.6%).

Other products

- Refiner prices for the remaining surveyed products were mostly on the rise during July. Prices for propane, kerosene-type jet fuel, and No. 1 distillate increased at both the retail and wholesale levels. Kerosene prices fell at retail, but rose at wholesale. The price for aviation gasoline increased at the wholesale level.
- Refiner sales of propane, kerosene, and No. 1 distillate declined at retail, but rose at the wholesale level in July. Sales of kerosene-type jet fuel increased in both sales categories, while aviation gasoline sales rose at wholesale.

Table HL1. U.S. refiner prices and volumes of petroleum products

prices: dollars per gallon excluding taxes, volumes: million gallons per day

Products	Sales to end users						Sales for resale					
	July 2019		June 2019		July 2018		July 2019		June 2019		July 2018	
	Price	Volume	Price	Volume	Price	Volume	Price	Volume	Price	Volume	Price	Volume
Motor gasoline	2.375	24.8	2.366	24.9	2.442	24.6	1.984	308.3	1.909	307.8	2.148	312.1
Conventional	2.222	15.4	2.170	15.5	2.333	15.0	1.917	210.5	1.826	207.6	2.102	213.1
Regular	2.172	13.6	2.118	13.6	2.284	13.2	1.873	187.1	1.786	185.0	2.065	189.9
Midgrade	2.434	0.8	2.406	0.8	2.548	0.8	2.109	1.4	2.003	1.4	2.281	1.5
Premium	2.706	1.1	2.674	1.1	2.814	1.0	2.274	22.0	2.162	21.2	2.422	21.7
Reformulated	2.630	9.4	2.685	9.5	2.615	9.5	2.128	97.9	2.082	100.2	2.247	99.0
Regular	2.532	6.9	2.586	7.0	2.522	7.1	2.070	81.6	2.025	83.6	2.199	82.8
Midgrade	2.807	0.9	2.871	0.9	2.781	0.9	2.251	0.6	2.219	0.6	2.355	0.7
Premium	2.971	1.5	3.034	1.5	2.942	1.5	2.424	15.7	2.379	16.0	2.501	15.5
Aviation gasoline	W	W	W	W	W	W	2.988	0.6	2.841	0.4	3.111	0.6
Kerosene-type jet fuel	1.973	33.9	1.907	32.9	2.176	33.2	1.938	43.8	1.879	42.5	2.140	42.7
Propane (consumer grade)	0.487	2.1	0.464	2.9	0.956	3.1	0.494	28.1	0.493	26.2	0.854	19.3
Kerosene	3.260	0.0	3.312	0.0	W	W	1.969	1.6	1.914	1.2	2.133	0.8
No. 1 distillate	2.352	0.0	2.209	0.0	W	W	2.260	0.1	2.203	0.1	2.489	0.1
No. 2 distillate	2.101	12.6	2.079	12.0	2.316	12.4	1.935	165.8	1.873	173.8	2.189	158.0
No. 2 fuel oil	2.206	0.0	2.156	0.1	2.436	0.1	1.847	4.7	1.824	5.0	2.079	3.8
No. 2 diesel fuel	2.100	12.5	2.078	11.9	2.316	12.4	1.938	161.1	1.874	168.8	2.192	154.1
Ultra low sulfur	2.104	12.3	2.081	11.6	2.318	12.1	1.938	159.9	1.874	166.9	2.194	151.7
Low sulfur	W	W	W	W	W	W	-	-	W	W	W	W
High sulfur	W	W	W	W	W	W	1.954	1.2	W	W	W	W
No. 4 fuel[a]	-	-	-	-	-	-	W	W	W	W	W	W
Residential fuel oil	1.625	2.8	1.601	3.3	1.767	3.5	1.489	6.5	1.372	7.7	1.581	7.3
Sulfur content not > 1%	W	W	W	W	W	W	1.455	0.4	W	W	1.543	0.5
Sulfur content > 1%	1.572	W	1.527	W	1.709	W	1.492	6.1	1.367	W	1.583	6.8

NA = Not available.

- = No data reported.

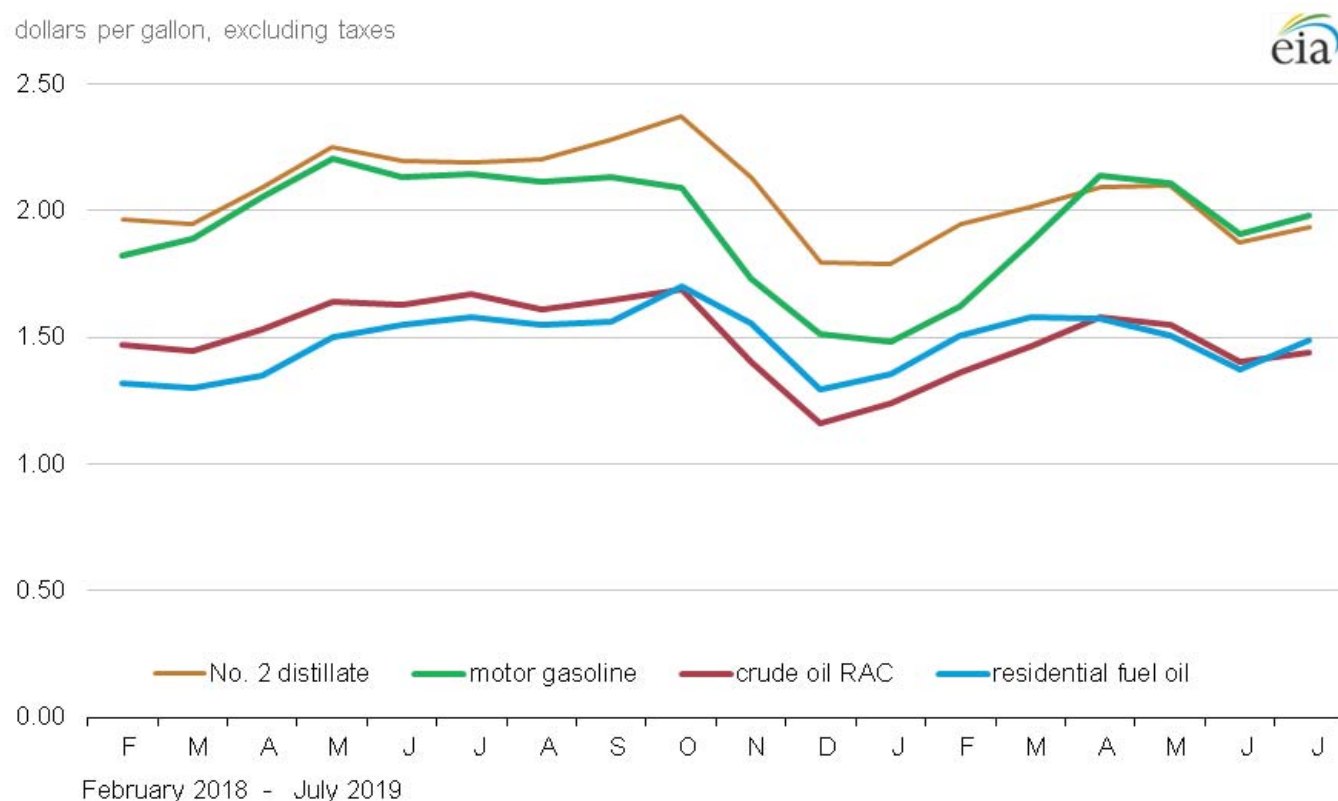
W = Withheld to avoid disclosure of individual company data.

[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: - Beginning January 2007, oxygenated gasoline is included in conventional gasoline. - In January 2007, ultra low-sulfur diesel fuel was added. - All on-highway diesel must be ultra low-sulfur as of December 1, 2010 - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2018 are final. Total volumes may not equal the sum of the components because of rounding.

Source: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Figure HL1. Crude oil and petroleum product wholesale prices



Sources: U.S. Energy Information Administration, Crude oil refiner acquisition cost: Form EIA-14, *Refiners' Monthly Cost Report*; petroleum product prices: Form EIA-782A, *Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report*.

Note: RAC stands for refiner acquisition cost.

Summary Statistics

Table 1. Crude oil prices

dollars per barrel

Year month	Domestic first purchase prices	Average F.O.B.[a] cost of crude oil imports[b]	Average landed cost of crude oil imports[b]	Refiner acquisition cost of crude oil		
				Domestic	Imported	Composite
1997 average	17.23	16.94	18.11	19.61	18.53	19.04
1998 average	10.87	10.76	11.84	13.18	12.04	12.52
1999 average	15.56	16.47	17.23	17.90	17.26	17.51
2000 average	26.72	26.27	27.53	29.11	27.70	28.26
2001 average	21.84	20.46	21.82	24.33	22.00	22.95
2002 average	22.51	22.63	23.91	24.65	23.71	24.10
2003 average	27.56	25.86	27.69	29.82	27.71	28.53
2004 average	36.77	33.75	36.07	38.97	35.90	36.98
2005 average	50.28	47.60	49.29	52.94	48.86	50.24
2006 average	59.69	57.03	59.11	62.62	59.02	60.24
2007 average	66.52	66.36	67.97	69.65	67.04	67.94
2008 average	94.04	90.32	93.33	98.47	92.77	94.74
2009 average	56.35	57.78	60.23	59.49	59.17	59.29
2010 average	74.71	74.19	76.50	78.01	75.86	76.69
2011 average	95.73	101.66	102.92	100.71	102.63	101.87
2012 average	94.52	99.78	101.00	100.72	101.09	100.93
2013 average	95.99	96.56	96.99	102.91	98.11	100.49
2014 average	87.39	85.65	88.16	94.05	89.56	92.02
2015 average	44.39	41.91	45.38	49.94	46.38	48.39
2016 average	38.29	36.37	38.56	42.41	38.75	40.66
2017 average	48.05	45.58	48.50	52.05	49.12	50.68
2018						
January	62.25	55.73	58.25	66.08	59.71	63.25
February	61.18	53.42	56.76	64.68	58.03	61.74
March	60.68	53.35	56.32	64.03	56.82	60.81
April	63.50	58.56	60.62	67.14	61.24	64.41
May	66.16	62.95	65.15	71.29	65.89	68.91
June	62.80	63.09	65.48	69.63	66.82	68.35
July	67.00	62.35	65.44	73.33	66.62	70.29
August	62.64	61.41	64.16	69.45	65.48	67.68
September	63.54	61.56	63.69	71.09	66.70	69.29
October	65.18	60.23	61.78	73.07	67.79	70.99
November	55.65	44.66	47.16	62.47	54.40	59.01
December	47.63	36.91	39.14	53.25	42.80	48.83
2018 average	61.40	56.31	58.89	67.05	60.95	64.38
2019						
January	47.85	48.72	49.25	53.86	49.57	52.11
February	52.51	54.14	56.12	57.89	56.50	57.35
March	57.47	57.54	59.48	61.97	61.14	61.64
April	63.01	61.31	63.62	67.24	65.42	66.52
May	59.68	60.70	63.69	65.17	65.03	65.11
June	54.22	53.95	57.19	59.81	58.16	59.16
July	56.43	54.41	56.82	61.55	59.18	60.57
August[c]	NA	NA	NA	E60.39	E55.50	E58.27

NA = Not available.

E = Estimated data.

R = Revised data.

[a] Free on Board. See Glossary.

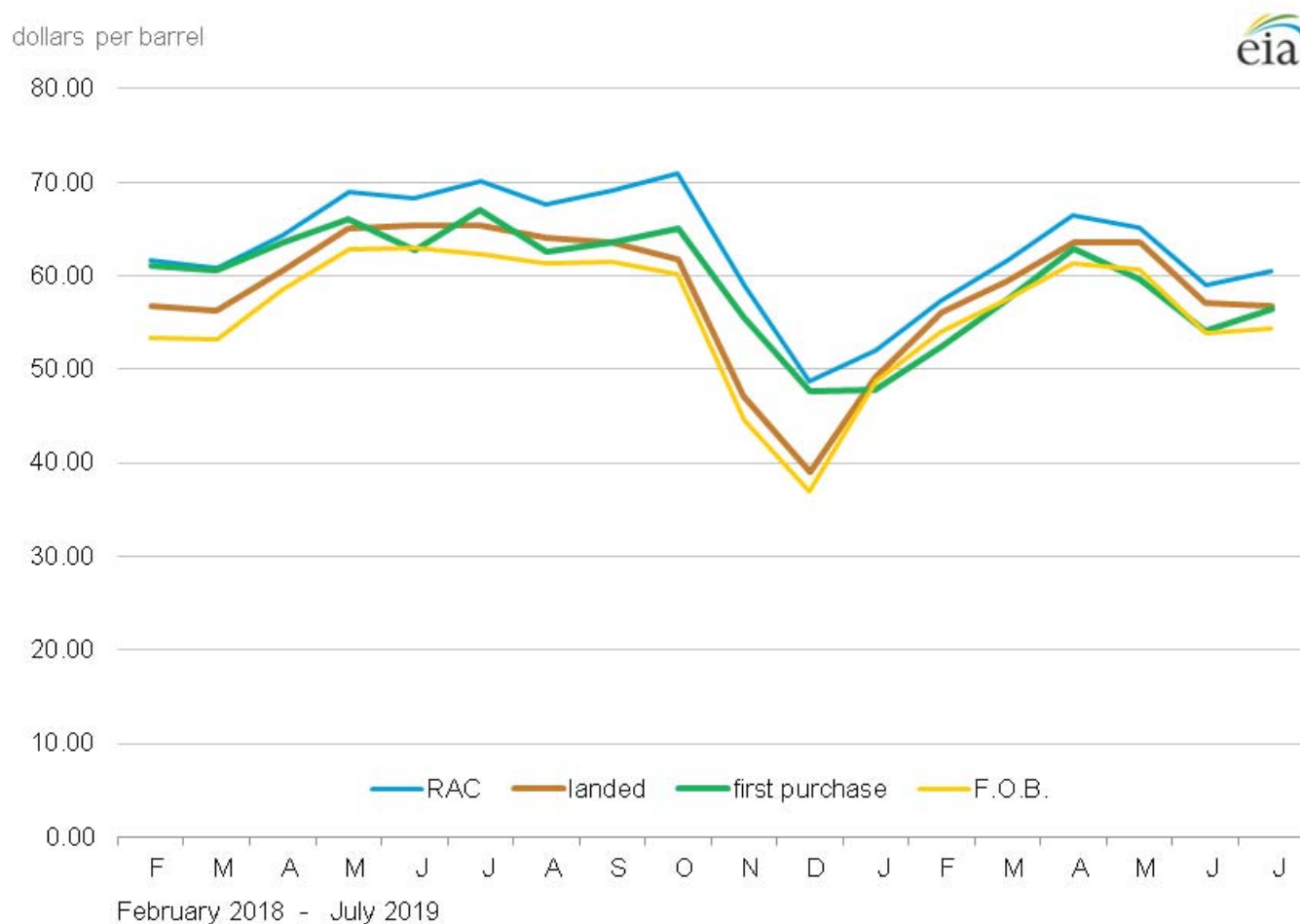
[b] Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section.

[c] Data are initial estimates calculated using regression models based on past and present values, spot prices, and other internally computed data. For an explanation of estimation methodology, see the Preface.

Notes: - In November 2018, a new crude stream was added and a selected crude stream was deleted for North Dakota. In January 2004, new crude streams were added and selected crude streams were discontinued for California, Gulf Coast, Oklahoma, and Texas. - Values for Domestic First Purchase Price and Refiner Acquisition Cost for the current two months, and for average F.O.B. and average landed costs, for the current three months are preliminary. Values shown for previous months may be revised. Data through 2018 are final.

Sources: Domestic first purchase prices -- See source from Table 18. Crude oil imports costs -- See Sources from Table 21. Refiner acquisition costs -- U.S. Energy Information Administration, Form EIA-14, *Refiners' Monthly Cost Report*.

Figure 1. Crude oil prices



Sources: U.S. Energy Information Administration, Form EIA-182, *Domestic Crude Oil First Purchase Report*, Form EIA-856, *Monthly Foreign Crude Oil Acquisition Report*, and Form EIA-14, *Refiners' Monthly Cost Report*.
 Note: RAC stands for refiner acquisition cost.

Table 1A. Refiner acquisition cost of crude oil by PAD Districts

dollars per barrel

Year month	United States			PAD District 1			PAD District 2		
	Domestic	Imported	Composite	Domestic	Imported	Composite	Domestic	Imported	Composite
2004	38.97	35.90	36.98	40.75	38.29	38.34	40.80	35.63	38.38
2005	52.94	48.86	50.24	56.89	53.29	53.35	54.57	46.11	50.75
2006	62.62	59.02	60.24	66.92	63.53	63.60	63.66	55.19	59.70
2007	69.65	67.04	67.94	70.62	72.48	72.44	71.10	62.17	66.90
2008	98.47	92.77	94.74	100.30	96.90	96.97	100.98	88.45	94.93
2009	59.49	59.17	59.29	59.64	61.68	61.63	60.00	57.00	58.64
2010	78.01	75.86	76.69	75.90	80.03	79.91	78.85	72.24	75.92
2011	100.71	102.63	101.87	98.88	111.53	111.01	96.81	89.15	93.18
2012	100.72	101.09	100.93	104.45	112.27	111.50	95.04	83.90	89.44
2013	102.91	98.11	100.49	106.98	106.74	106.80	100.63	85.43	93.26
2014	94.05	89.56	92.02	96.95	96.51	96.70	93.08	81.66	87.51
2015	49.94	46.38	48.39	52.60	50.40	51.37	49.33	42.70	46.13
2016	42.41	38.75	40.66	44.58	42.54	43.00	43.76	36.19	39.95
2017	52.05	49.12	50.68	56.98	53.46	53.87	52.03	45.21	48.63
2018									
January	66.08	59.71	63.25	66.24	65.97	66.01	65.21	51.67	58.61
February	64.68	58.03	61.74	66.09	64.96	65.16	63.69	48.42	56.43
March	64.03	56.82	60.81	66.71	65.31	65.63	64.24	47.11	56.27
April	67.14	61.24	64.41	69.95	70.27	70.21	67.21	50.98	59.12
May	71.29	65.89	68.91	71.37	72.17	72.00	71.04	58.27	64.64
June	69.63	66.82	68.35	71.35	72.91	72.62	68.42	59.23	64.08
July	73.33	66.62	70.29	72.72	71.71	71.90	73.40	60.98	67.41
August	69.45	65.48	67.68	72.07	72.03	72.04	69.20	58.09	64.13
September	71.09	66.70	69.29	73.74	75.40	74.83	70.14	54.36	63.22
October	73.07	67.79	70.99	75.33	75.36	75.35	71.74	52.76	63.58
November	62.47	54.40	59.01	69.43	69.13	69.18	57.01	38.34	47.16
December	53.25	42.80	48.83	60.15	61.46	61.18	47.52	19.78	33.41
2018	67.05	60.95	64.38	69.71	69.63	69.64	65.69	49.35	57.85
2019									
January	53.86	49.57	52.11	59.24	59.65	59.58	50.20	38.63	44.40
February	57.89	56.50	57.35	62.66	65.08	64.48	54.36	49.88	52.16
March	61.97	61.14	61.64	66.20	69.27	68.49	60.10	54.19	56.89
April	67.24	65.42	66.52	70.56	69.84	70.01	65.83	59.64	62.84
May	65.17	65.03	65.11	67.35	70.86	70.05	61.64	59.17	60.38
June	59.81	58.16	59.16	63.72	65.04	64.77	55.27	50.30	52.75
July	61.55	59.18	60.57	65.28	65.31	65.31	59.51	51.52	55.64

See footnotes at end of table.

Table 1A. Refiner acquisition cost of crude oil by PAD Districts (cont.)

dollars per barrel

Year month	PAD District 3			PAD District 4			PAD District 5		
	Domestic	Imported	Composite	Domestic	Imported	Composite	Domestic	Imported	Composite
2004	39.28	34.79	35.87	39.98	35.93	37.81	36.81	38.20	37.30
2005	53.17	47.77	48.99	53.50	48.54	50.89	50.61	50.77	50.67
2006	63.17	58.34	59.54	60.80	56.17	58.45	60.90	61.44	61.15
2007	70.58	66.34	67.48	65.79	60.81	63.43	67.47	69.42	68.34
2008	100.39	91.86	94.11	91.49	88.56	90.12	94.53	96.30	95.35
2009	60.61	59.21	59.64	56.30	56.53	56.39	57.79	60.07	58.78
2010	78.73	75.67	76.65	73.56	70.77	72.37	76.56	78.23	77.34
2011	103.24	104.78	104.24	89.34	84.87	87.61	103.83	105.68	104.73
2012	104.32	105.18	104.83	86.83	80.80	84.63	103.03	106.43	104.69
2013	104.64	101.42	103.02	88.96	80.75	85.21	103.82	105.12	104.40
2014	94.67	90.84	93.06	84.63	78.73	81.93	94.45	96.13	95.22
2015	50.16	46.49	48.75	44.77	39.73	42.28	50.30	50.91	50.59
2016	41.97	38.22	40.42	41.48	34.49	38.11	42.10	42.21	42.16
2017	51.74	49.12	50.73	50.43	43.05	47.19	53.44	52.77	53.08
2018									
January	65.99	61.79	64.45	63.61	47.53	56.04	68.59	66.20	67.46
February	64.83	60.66	63.32	60.99	43.15	53.36	66.70	64.52	65.59
March	63.43	58.65	61.64	61.80	42.31	53.23	66.74	64.38	65.42
April	66.59	63.43	65.39	64.52	45.53	56.14	69.83	67.99	68.89
May	70.66	67.10	69.43	68.37	54.97	63.01	75.61	73.53	74.52
June	69.28	67.69	68.68	65.51	56.58	61.50	74.61	73.54	74.02
July	73.45	67.85	71.35	68.41	57.79	63.60	74.24	70.45	72.15
August	68.89	65.76	67.77	66.53	56.09	61.96	73.81	72.11	72.81
September	70.43	70.22	70.36	69.26	47.21	59.67	76.05	74.91	75.47
October	72.85	72.38	72.71	67.91	52.13	59.81	77.82	76.85	77.31
November	63.26	60.90	62.54	52.37	34.08	42.36	69.68	66.88	68.31
December	54.32	51.89	53.60	44.09	22.24	33.15	58.83	56.42	57.58
2018	66.94	64.10	65.95	62.87	45.87	55.01	70.82	68.91	69.81
2019									
January	54.23	52.79	53.85	48.67	37.65	43.36	59.23	58.48	58.84
February	58.05	58.13	58.07	53.64	49.23	51.74	64.13	62.21	63.17
March	61.62	62.29	61.79	56.86	53.58	55.48	67.19	67.86	67.52
April	67.32	66.85	67.19	59.92	58.45	59.24	71.38	71.52	71.45
May	65.72	65.84	65.76	59.64	58.17	58.94	69.37	70.73	70.07
June	60.74	61.60	60.95	52.89	49.11	51.00	63.95	63.82	63.88
July	61.88	61.43	61.75	55.97	50.68	53.44	64.82	65.00	64.92

R = Revised data.

Notes: United States is defined as the 50 states, the District of Columbia, Puerto Rico, the Virgin Islands, and all American territories and possessions. Values reflect the PAD District in which the crude oil is intended to be refined. - Values shown for the current month are preliminary. Values shown for the previous month may be revised. Data through 2018 are final.

Sources: U.S. Energy Information Administration Form EIA-14, *Refiners' Monthly Cost Report*, January 2004 to present.

Table 2. U.S. refiner prices of petroleum products to end users

dollars per gallon, excluding taxes

Year month	Motor gasoline	Aviation gasoline	Kerosene type jet fuel	Propane (consumer grade)	Kerosene	No. 2 distillate					Residual fuel oil
						No. 1 distillate	No. 2 diesel fuel	No. 2 fuel oil	Average	No. 4 fuel[a]	
1994	0.738	0.957	0.534	0.530	0.660	0.640	0.554	0.572	0.556	0.501	0.352
1995	0.765	1.005	0.540	0.492	0.589	0.620	0.560	0.562	0.560	0.505	0.392
1996	0.847	1.116	0.651	0.605	0.740	0.726	0.681	0.673	0.680	0.603	0.455
1997	0.839	1.128	0.613	0.552	0.745	0.689	0.642	0.636	0.642	0.565	0.423
1998	0.673	0.975	0.452	0.405	0.501	0.551	0.494	0.482	0.492	0.428	0.305
1999	0.781	1.059	0.543	0.458	0.605	0.621	0.584	0.558	0.580	0.474	0.374
2000	1.106	1.306	0.899	0.603	1.123	0.988	0.935	0.927	0.934	0.769	0.602
2001	1.032	1.323	0.775	0.506	1.045	0.902	0.842	0.829	0.840	0.679	0.531
2002	0.947	1.288	0.721	0.419	0.990	0.828	0.762	0.737	0.759	0.657	0.569
2003	1.156	1.493	0.872	0.577	1.224	1.017	0.944	0.933	0.942	0.856	0.698
2004	1.435	1.819	1.207	0.839	1.160	1.262	1.243	1.173	1.235	1.017	0.739
2005	1.829	2.231	1.735	1.089	1.957	1.832	1.786	1.705	1.777	W	1.048
2006	2.128	2.682	1.998	1.358	2.244	2.137	2.096	1.982	2.091	W	1.218
2007	2.345	2.849	2.165	1.489	2.263	2.286	2.267	2.241	2.266	W	1.374
2008	2.775	3.273	3.052	1.892	3.283	2.983	3.150	2.986	3.143	W	1.964
2009	1.888	2.442	1.704	1.220	2.675	2.141	1.834	1.962	1.840	W	1.341
2010	2.301	3.028	2.201	1.481	3.063	2.705	2.314	2.462	2.318	W	1.713
2011	3.050	3.803	3.054	1.709	3.616	3.467	3.117	3.193	3.119	W	2.401
2012	3.154	3.971	3.104	1.139	3.843	3.580	3.202	3.358	3.206	W	2.592
2013	3.049	3.932	2.979	1.028	3.842	3.483	3.122	3.335	3.126	W	2.482
2014	2.855	3.986	2.772	1.097	W	3.117	2.923	3.329	2.924	W	2.325
2015	2.003	W	1.629	0.481	W	1.822	1.819	2.016	1.821	W	1.285
2016	1.730	W	1.319	0.498	W	1.702	1.511	1.716	1.512	W	0.945
2017	1.976	W	1.629	0.772	W	2.230	1.811	2.010	1.813	W	1.287
2018											
January	2.108	W	2.012	0.971	W	2.506	2.144	2.206	2.145	-	1.507
February	2.127	W	1.970	0.948	W	2.510	2.107	2.365	2.110	-	1.490
March	2.160	W	1.924	0.842	W	2.566	2.076	2.484	2.078	-	1.452
April	2.315	W	2.080	0.839	W	W	2.201	2.486	2.202	-	1.504
May	2.494	W	2.221	0.916	3.219	W	2.368	2.478	2.368	-	1.667
June	2.469	W	2.196	0.883	3.292	W	2.340	2.413	2.341	-	1.731
July	2.442	W	2.176	0.956	W	W	2.316	2.436	2.316	-	1.767
August	2.421	W	2.183	0.989	3.272	W	2.327	2.499	2.327	-	1.764
September	2.428	W	2.257	1.062	3.189	W	2.388	2.612	2.388	-	1.761
October	2.441	W	2.349	0.988	W	2.850	2.500	2.696	2.501	-	1.875
November	2.205	W	2.162	0.876	W	2.719	2.282	2.431	2.284	-	1.827
December	1.973	W	1.852	0.794	W	2.397	1.981	2.222	1.983	-	1.608
2018	2.303	W	2.119	0.925	3.113	2.600	2.256	2.380	2.257	-	1.662
2019											
January	1.854	W	1.827	0.756	W	2.323	1.960	2.195	1.962	-	1.425
February	1.949	W	1.956	0.784	W	2.401	2.080	2.367	2.082	-	1.568
March	2.137	W	2.005	0.761	W	2.503	2.158	2.376	2.159	-	1.639
April	2.487	W	2.063	0.686	W	2.563	2.259	2.461	2.260	-	1.685
May	2.520	W	2.141	0.599	W	NA	2.272	2.389	2.272	-	1.635
June	2.366	W	1.907	0.464	3.312	2.209	2.078	2.156	R2.079	-	1.601
July	2.375	W	1.973	0.487	3.260	2.352	2.100	2.206	2.101	-	1.625

NA = Not available.

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

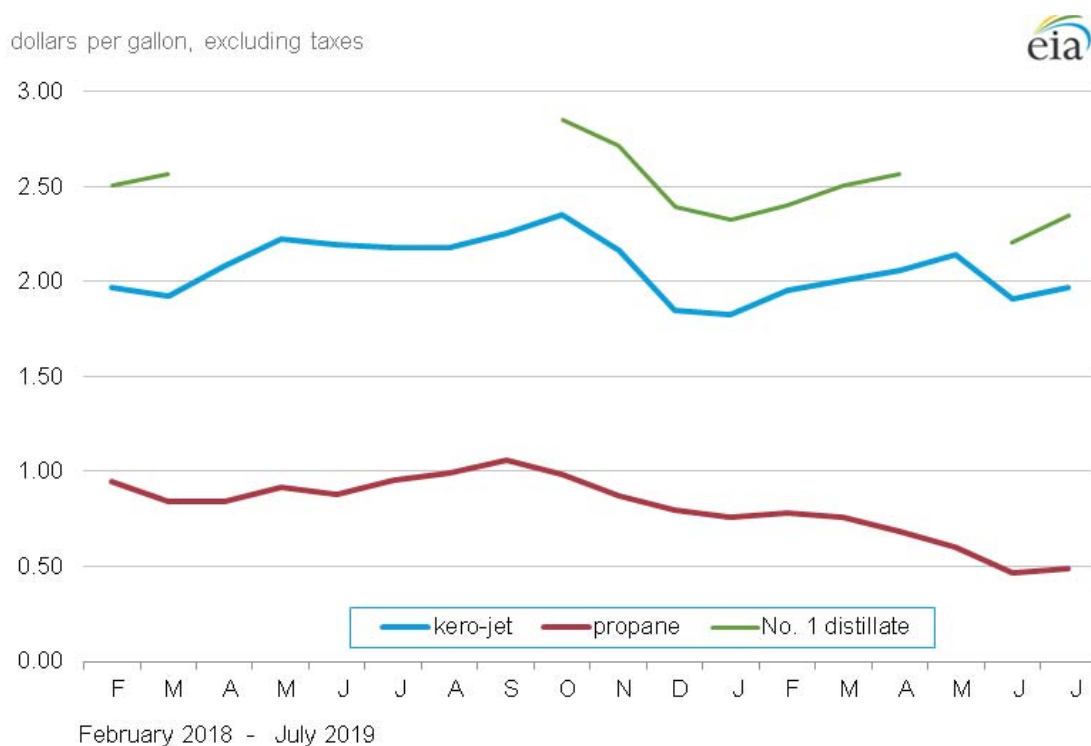
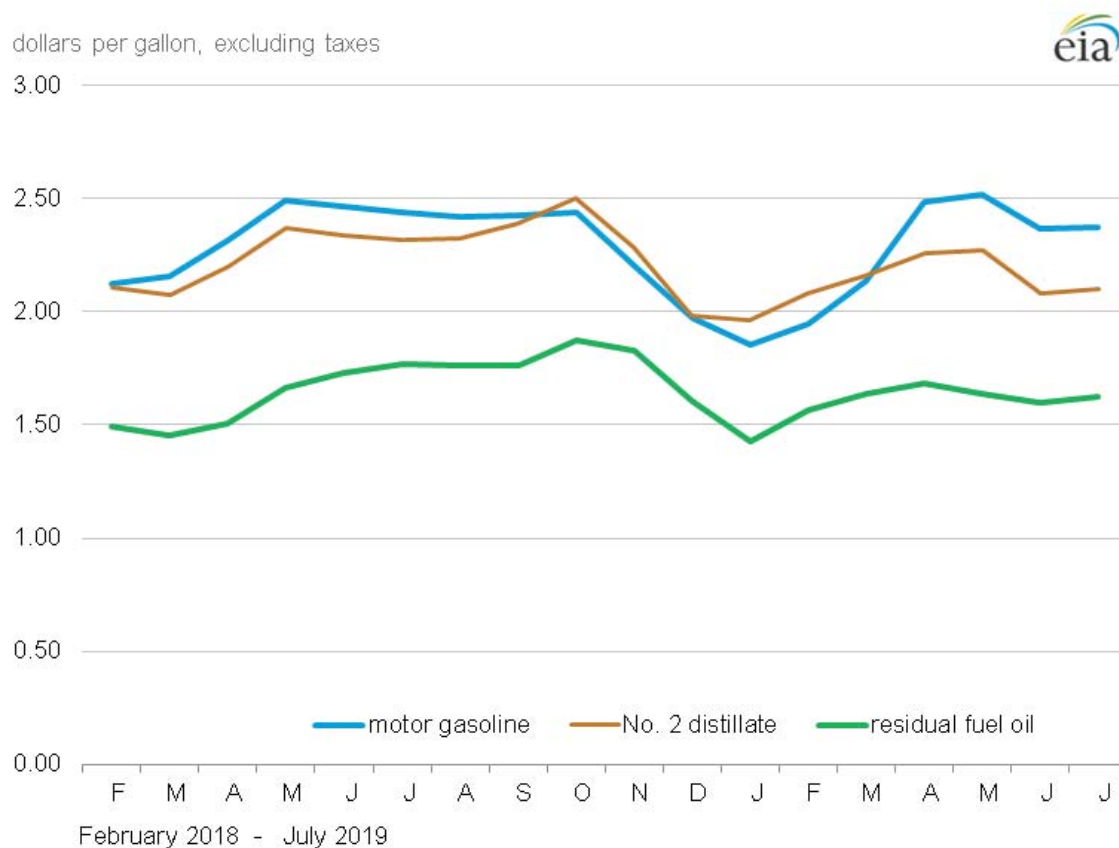
R = Revised data.

[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: Motor gasoline averages and totals before October 1993 include leaded gasoline. Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2018 are final.

Sources: U.S. Energy Information Administration Form EIA-782A, *Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report*.

Figure 2. U.S. refiner retail petroleum product prices



Sources: U.S. Energy Information Administration, Form EIA-782A, *Refiners'/Gas Plant Operators' Monthly Petroleum Sales Report*.

Table 3. U.S. refiner volumes of petroleum products to end users

million gallons per day

Year month	Motor gasoline	Aviation gasoline	Kerosene type jet fuel	Propane (consumer grade)	Kerosene	No. 2 distillate			Average	No. 4 fuel[a]	Residual fuel oil
						No. 1 distillate	No. 2 diesel fuel	No. 2 fuel oil			
1994	55.0	0.2	45.2	2.2	0.4	0.4	21.3	3.4	24.6	0.8	13.5
1995	55.9	0.2	45.7	3.2	0.6	0.3	21.6	3.3	24.9	0.5	11.6
1996	57.5	0.2	48.7	3.1	0.4	0.3	21.9	3.1	25.0	0.4	12.9
1997	61.1	0.2	49.7	3.2	0.3	0.4	22.0	3.0	25.0	0.3	13.4
1998	63.3	0.2	48.9	3.1	0.4	0.4	21.1	3.2	24.3	0.3	14.4
1999	62.0	0.1	47.0	3.6	0.2	0.3	21.1	3.0	24.1	0.3	13.9
2000	60.9	0.2	49.3	2.9	0.2	0.3	22.6	2.8	25.4	0.3	13.1
2001	62.0	0.1	49.7	3.6	0.2	0.3	22.9	3.0	26.0	0.4	14.8
2002	63.6	0.1	49.1	2.6	0.1	0.3	19.6	3.0	22.6	0.4	10.4
2003	63.8	0.1	44.0	2.5	0.1	0.3	16.7	2.7	19.5	0.3	10.7
2004	58.4	0.1	46.4	2.7	0.5	0.2	16.9	2.4	19.3	0.3	10.2
2005	59.0	0.1	45.2	3.2	0.1	0.3	17.0	2.1	19.1	W	10.4
2006	60.0	0.1	42.1	2.7	0.1	0.2	24.2	1.2	25.4	W	10.4
2007	57.7	0.1	40.1	3.3	0.1	0.2	23.6	0.8	24.3	W	10.9
2008	55.1	0.1	39.9	2.7	NA	0.1	19.9	0.9	20.8	W	8.4
2009	49.8	0.2	38.0	3.7	NA	0.1	16.9	0.9	17.8	W	8.5
2010	44.7	0.1	34.8	3.9	0.0	0.1	15.3	0.4	15.8	W	7.6
2011	39.0	0.1	33.3	4.5	0.0	0.1	13.4	0.4	13.8	W	6.4
2012	29.7	0.1	32.5	5.6	0.0	0.1	12.2	0.3	12.5	W	5.5
2013	24.7	0.0	31.4	5.3	0.0	0.1	11.5	0.2	11.7	W	5.2
2014	21.6	0.0	31.3	4.9	W	0.1	11.9	0.1	11.9	W	4.6
2015	25.5	W	33.4	5.6	W	0.1	12.6	0.1	12.7	W	4.0
2016	25.6	W	31.2	6.1	W	0.1	12.6	0.1	12.7	W	4.2
2018											
January	22.5	W	29.1	3.5	W	0.1	11.7	0.3	12.0	-	3.7
February	23.4	W	27.8	3.2	W	0.1	11.8	0.1	12.0	-	3.6
March	24.1	W	31.7	3.4	W	0.1	12.7	0.1	12.8	-	3.6
April	23.8	W	29.9	4.3	W	W	13.0	0.0	13.0	-	3.5
May	24.3	W	32.0	3.0	0.0	W	12.2	0.1	12.3	-	3.2
June	25.1	W	31.3	3.3	0.0	W	11.5	0.1	11.6	-	3.0
July	24.6	W	33.2	3.1	W	W	12.4	0.1	12.4	-	3.5
August	25.4	W	33.3	4.4	0.0	W	13.4	0.0	13.4	-	3.2
September	24.4	W	32.2	3.7	0.0	W	13.3	0.0	13.3	-	3.6
October	24.7	W	32.1	4.2	W	0.1	13.3	0.1	13.4	-	3.8
November	24.6	W	30.9	3.7	W	0.1	13.1	0.2	13.3	-	3.4
December	24.2	W	32.2	2.9	W	0.1	12.5	0.1	12.6	-	3.5
2018	24.3	W	31.3	3.6	0.0	0.1	12.6	0.1	12.7	-	3.5
2019											
January	23.2	W	29.3	3.5	W	0.1	12.5	0.1	12.6	-	2.8
February	23.6	W	28.9	3.2	W	0.1	12.4	0.1	12.5	-	2.3
March	24.3	W	30.5	2.3	W	0.1	11.8	0.1	11.8	-	2.2
April	24.1	W	32.3	2.3	W	0.1	11.7	0.1	11.8	-	2.4
May	24.7	W	31.7	2.8	W	0.1	12.1	0.1	12.1	-	2.0
June	24.9	W	32.9	2.9	0.0	0.0	11.9	0.1	12.0	-	3.3
July	24.8	W	33.9	2.1	0.0	0.0	12.5	0.0	12.6	-	2.8

NA = Not available.

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

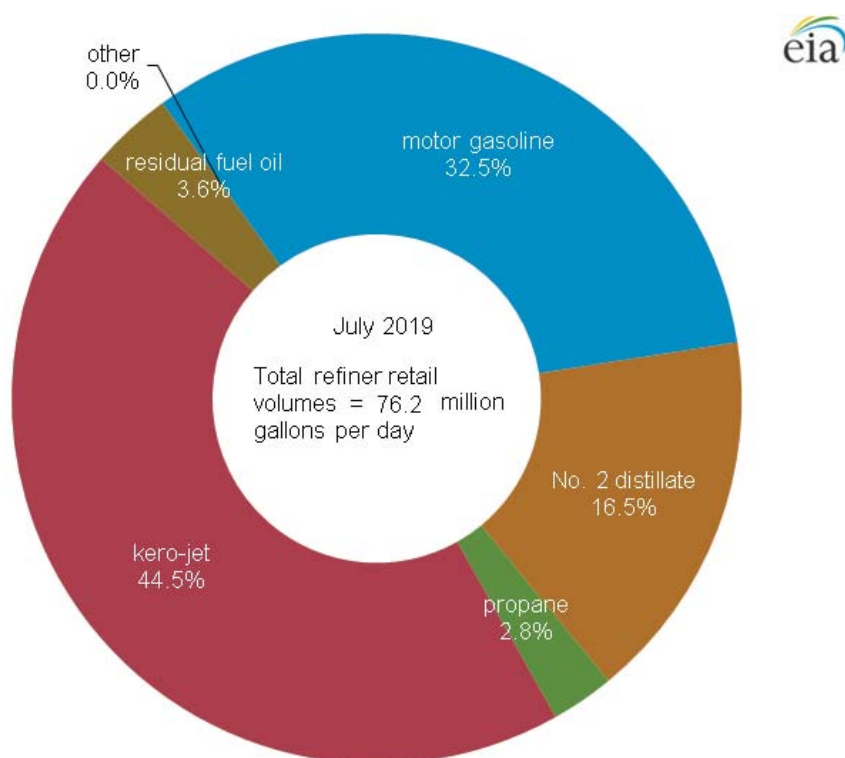
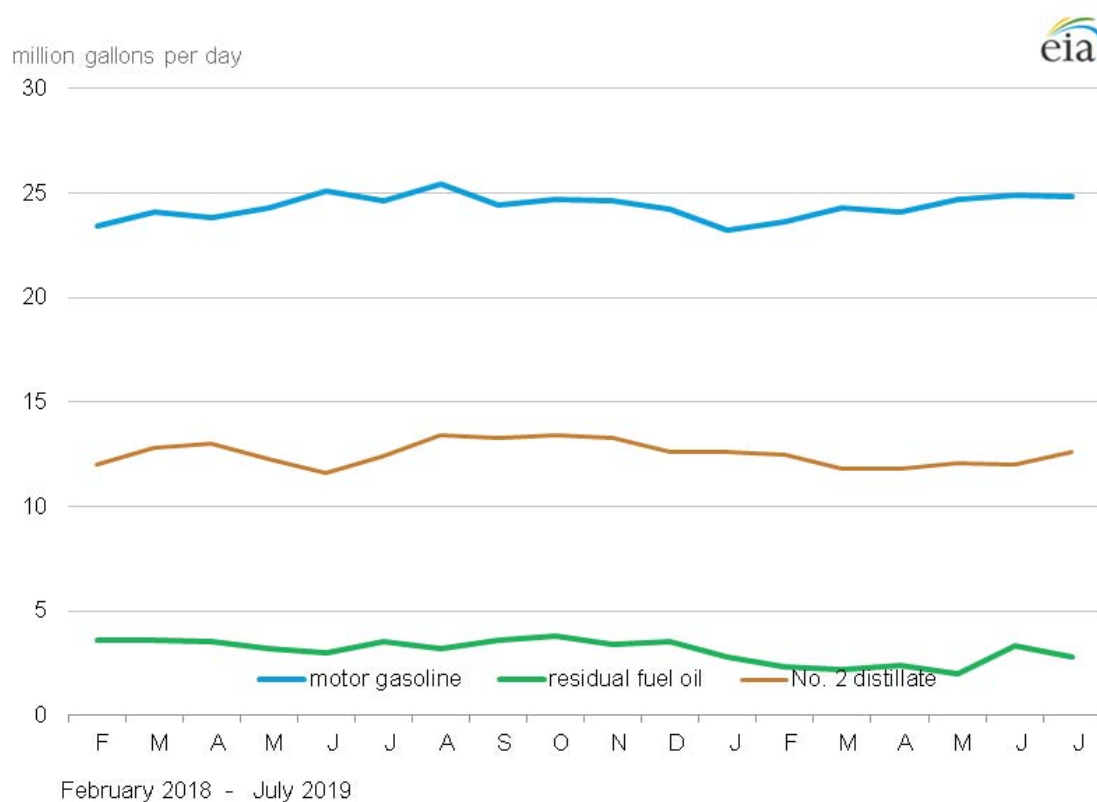
R = Revised data.

[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: Motor gasoline averages and totals before October 1993 include leaded gasoline. Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2018 are final. Totals may not equal the sum of the components because of rounding.

Sources: U.S. Energy Information Administration Form EIA-782A, *Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report*.

Figure 3. U.S. refiner retail petroleum product volumes



Source: U.S. Energy Information Administration, Form EIA-782A, *Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report*.

Table 4. U.S. refiner prices of petroleum products for resale

dollars per gallon, excluding taxes

Year month	Motor gasoline	Aviation gasoline	Kerosene type jet fuel	Propane (consumer grade)	Kerosene	No. 2 distillate					Residual fuel oil
						No. 1 distillate	No. 2 diesel fuel	No. 2 fuel oil	Average	No. 4 fuel[a]	
1994	0.599	0.933	0.534	0.324	0.618	0.615	0.529	0.506	0.522	0.462	0.317
1995	0.626	0.975	0.539	0.344	0.580	0.625	0.538	0.511	0.530	0.463	0.363
1996	0.713	1.055	0.646	0.461	0.714	0.751	0.659	0.639	0.653	0.603	0.420
1997	0.70	1.065	0.613	0.416	0.653	0.723	0.606	0.590	0.602	0.551	0.387
1998	0.526	0.912	0.450	0.288	0.465	0.513	0.444	0.422	0.439	0.383	0.280
1999	0.645	1.007	0.533	0.342	0.550	0.634	0.546	0.493	0.536	0.430	0.354
2000	0.963	1.330	0.880	0.595	0.969	1.019	0.898	0.886	0.896	0.778	0.566
2001	0.886	1.256	0.763	0.540	0.821	0.883	0.784	0.756	0.779	0.697	0.476
2002	0.828	1.146	0.716	0.431	0.752	0.805	0.724	0.694	0.718	0.663	0.530
2003	1.002	1.288	0.871	0.607	0.955	1.033	0.883	0.881	0.882	0.793	0.661
2004	1.288	1.627	1.208	0.751	1.271	1.289	1.187	1.125	1.178	1.033	0.681
2005	1.670	2.076	1.723	0.933	1.757	1.801	1.737	1.623	1.720	1.377	0.971
2006	1.969	2.490	1.961	1.031	2.007	2.044	2.012	1.834	1.991	1.395	1.136
2007	2.182	2.758	2.171	1.194	2.249	2.430	2.203	2.072	2.190	1.551	1.350
2008	2.586	3.342	3.020	1.437	2.851	2.712	2.994	2.745	2.970	2.157	1.866
2009	1.767	2.480	1.719	0.921	1.844	2.050	1.713	1.657	1.707	1.561	1.342
2010	2.165	2.874	2.185	1.212	2.299	2.573	2.214	2.147	2.208	W	1.697
2011	2.867	3.739	3.014	1.467	3.065	3.223	3.034	2.907	3.025	2.801	2.336
2012	2.929	3.919	3.080	1.033	3.163	3.349	3.109	3.031	3.103	W	2.457
2013	2.812	3.869	2.953	1.048	3.084	3.340	3.028	2.966	3.025	2.767	2.278
2014	2.618	3.687	2.763	1.165	2.882	3.213	2.812	2.741	2.809	2.333	2.044
2015	1.726	2.764	1.592	0.555	1.735	1.957	1.667	1.565	1.663	1.215	0.996
2016	1.454	2.404	1.295	0.523	1.383	1.589	1.378	1.239	1.370	0.956	0.745
2017	1.689	2.682	1.603	0.800	1.730	2.093	1.691	1.600	1.686	W	1.116
2018											
January	1.849	2.900	1.969	0.990	2.209	2.430	2.042	1.990	2.036	W	1.310
February	1.823	2.893	1.911	0.889	2.088	2.295	1.972	1.889	1.966	W	1.319
March	1.889	2.904	1.893	0.827	1.969	2.209	1.952	1.848	1.946	W	1.302
April	2.054	3.085	2.032	0.792	2.075	2.414	2.099	1.982	2.093	W	1.348
May	2.205	3.181	2.175	0.867	2.205	2.606	2.258	2.143	2.254	W	1.500
June	2.135	3.138	2.152	0.807	2.145	2.544	2.203	2.089	2.200	W	1.553
July	2.148	3.111	2.140	0.854	2.133	2.489	2.192	2.079	2.189	W	1.581
August	2.118	3.085	2.148	0.907	2.169	2.485	2.203	2.114	2.201	W	1.549
September	2.136	3.124	2.214	0.951	2.246	2.560	2.282	2.214	2.280	W	1.560
October	2.090	3.099	2.296	0.948	2.437	2.665	2.379	2.281	2.373	W	1.700
November	1.732	2.762	2.100	0.826	2.206	2.449	2.130	2.098	2.128	W	1.556
December	1.514	2.463	1.811	0.798	1.954	2.175	1.794	1.796	1.794	W	1.293
2018	1.980	3.006	2.073	0.877	2.160	2.380	2.130	2.002	2.123	W	1.463
2019											
January	1.483	2.394	1.822	0.775	2.021	2.127	1.789	1.813	1.791	W	1.357
February	1.624	2.527	1.925	0.772	2.111	2.246	1.950	1.907	1.946	W	1.508
March	1.881	2.874	1.960	0.754	2.087	2.389	2.020	1.958	2.015	W	1.581
April	2.138	3.100	2.022	0.660	2.073	2.343	2.100	1.993	2.095	W	1.577
May	2.110	3.021	2.061	0.595	2.057	2.458	2.106	1.989	2.102	W	1.505
June	1.909	2.841	1.879	0.493	1.914	2.203	1.874	1.824	1.873	W	1.372
July	1.984	2.988	1.938	0.494	1.969	2.260	1.938	1.847	1.935	W	1.489

W = Withheld to avoid disclosure of individual company data.

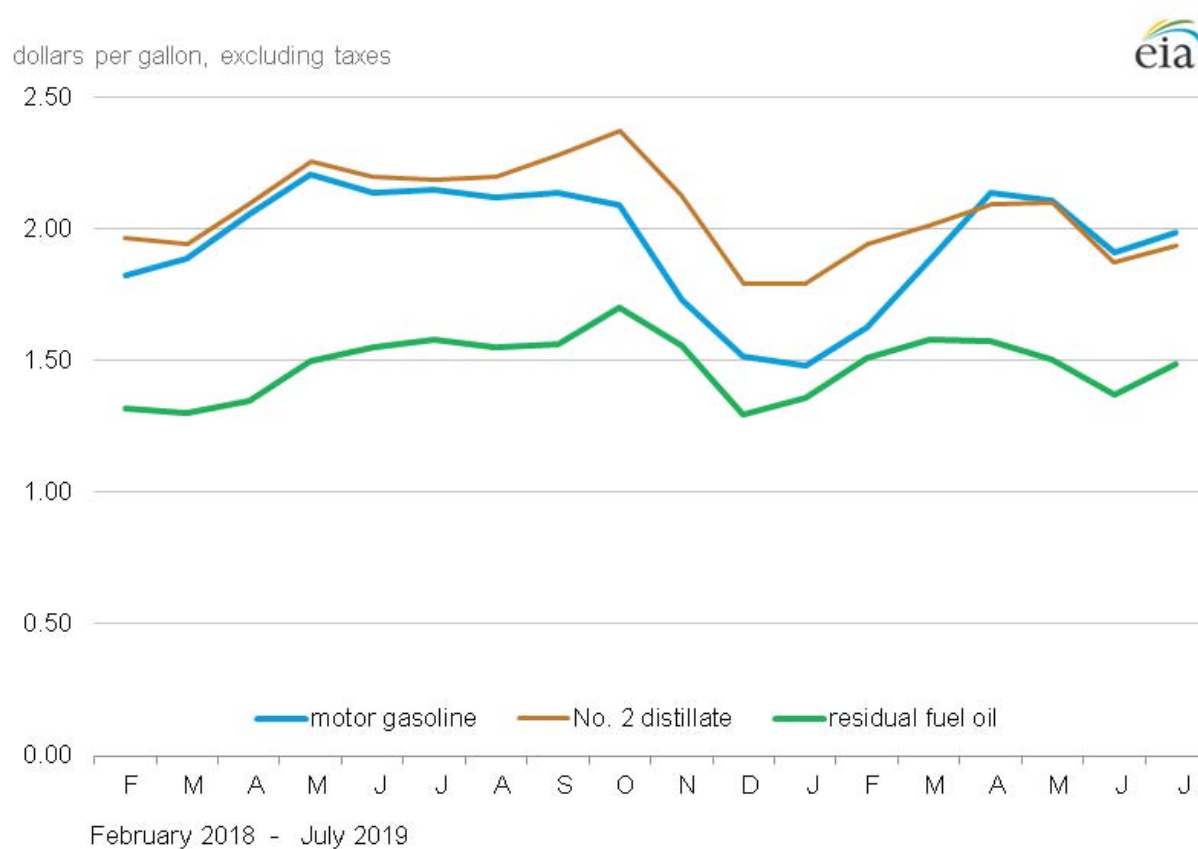
R = Revised data.

[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: - Motor gasoline averages and totals before October 1993 include leaded gasoline. - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2018 are final.

Sources: U.S. Energy Information Administration Form EIA-782A, *Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report*.

Figure 4. U.S. refiner wholesale petroleum product prices



Source: U.S. Energy Information Administration, Form EIA-782A, *Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report*.

Table 5. U.S. refiner volumes of petroleum sales for resale

million gallons per day

Year month	Motor gasoline	Aviation gasoline	Kerosene type jet fuel	Propane (consumer grade)	Kerosene	No. 2 distillate					Residual fuel oil
						No. 1 distillate	No. 2 diesel fuel	No. 2 fuel oil	Average	No. 4 fuel[a]	
1994	276.7	0.7	9.1	28.4	2.5	1.9	72.4	32.9	105.3	0.4	12.8
1995	288.8	0.6	9.9	30.6	2.4	1.7	75.9	31.0	106.9	0.3	13.6
1996	293.6	0.6	11.5	32.9	2.7	1.8	83.7	33.1	116.8	0.3	13.8
1997	292.7	0.6	11.3	32.2	2.5	1.6	88.7	31.2	119.9	0.2	11.5
1998	300.4	0.6	12.2	32.7	2.2	1.4	91.9	27.3	119.2	0.1	15.4
1999	306.9	0.7	15.2	33.6	2.4	1.7	95.5	24.3	119.9	0.2	11.5
2000	304.4	0.6	15.7	34.8	2.3	1.5	98.8	23.3	122.1	0.2	10.5
2001	305.2	0.6	14.3	35.0	2.2	1.4	101.3	25.2	126.4	0.1	10.3
2002	311.8	0.6	12.1	32.9	2.0	1.3	100.8	23.6	124.4	0.1	8.8
2003	311.6	0.5	12.2	36.5	2.3	1.2	108.9	20.9	129.8	0.1	6.7
2004	316.4	0.6	12.7	40.3	2.1	1.3	116.5	19.6	136.1	NA	5.9
2005	321.8	0.5	15.2	35.1	2.0	1.4	118.7	20.6	139.3	NA	4.7
2006	315.6	0.5	15.2	39.4	1.4	1.3	123.2	16.7	139.9	0.3	6.5
2007	319.8	0.5	16.6	41.7	1.4	0.9	135.3	14.5	149.8	0.3	8.2
2008	306.4	0.4	16.5	34.2	1.0	1.0	138.7	14.9	153.6	0.2	9.5
2009	307.4	0.4	15.2	31.8	1.3	1.0	128.0	15.1	143.1	0.1	9.8
2010	312.0	0.4	20.3	28.3	1.4	0.9	135.5	11.5	147.0	W	10.7
2011	296.3	0.4	23.0	28.6	1.2	1.0	134.6	10.7	145.3	0.1	12.2
2012	294.7	0.4	23.5	27.6	1.2	0.8	136.9	10.7	147.6	W	8.8
2013	291.0	0.4	26.4	34.9	1.3	1.0	142.9	7.7	150.6	0.1	9.0
2014	289.2	0.4	27.5	32.9	1.4	1.4	146.3	7.0	153.3	0.1	8.0
2015	298.7	0.4	28.6	31.6	1.2	1.2	146.5	6.7	153.2	0.2	8.1
2016	303.8	0.4	30.3	32.4	1.2	1.0	138.3	8.2	146.5	0.1	8.4
2017	301.5	0.4	38.1	28.9	1.0	1.0	146.5	8.5	155.0	W	7.1
2018											
January	283.1	0.3	41.1	46.8	2.3	3.2	145.8	17.5	163.4	W	8.9
February	296.0	0.3	41.4	39.3	1.5	2.5	144.5	12.6	157.1	W	7.7
March	306.3	0.4	38.3	31.4	1.0	1.1	148.8	9.5	158.3	W	7.4
April	306.9	0.5	40.0	24.4	0.8	0.4	156.2	9.0	165.3	W	7.0
May	318.4	0.5	41.8	20.9	0.8	0.1	159.3	5.3	164.7	W	8.4
June	319.5	0.5	44.1	18.9	0.9	0.1	160.4	4.2	164.7	W	8.1
July	312.1	0.6	42.7	19.3	0.8	0.1	154.1	3.8	158.0	W	7.3
August	314.5	0.5	43.3	21.9	1.2	0.2	159.4	3.3	162.7	W	7.6
September	305.4	0.4	40.2	20.8	1.8	0.4	156.3	4.7	161.0	W	7.8
October	306.2	0.5	37.9	28.5	1.0	1.2	161.2	9.7	170.9	W	7.3
November	301.8	0.3	38.1	33.6	1.4	2.7	155.3	12.9	168.1	W	6.7
December	293.9	0.4	37.2	36.1	1.4	2.4	152.3	17.1	169.5	W	7.3
2018	305.4	0.4	40.5	28.4	1.2	1.2	154.5	9.1	163.7	W	7.6
2019											
January	287.2	0.4	36.9	41.1	1.8	3.3	150.5	15.7	166.1	W	7.9
February	291.6	0.3	38.2	40.7	1.3	3.8	148.2	14.5	162.7	W	7.6
March	298.1	0.4	40.2	31.7	1.0	1.5	154.8	11.6	166.4	W	6.9
April	304.9	0.4	40.1	25.1	0.5	0.4	160.9	7.7	168.6	W	9.3
May	309.2	0.5	39.7	24.8	0.8	0.1	161.0	5.8	166.8	W	7.4
June	R307.8	0.4	42.5	26.2	1.2	0.1	168.8	5.0	173.8	W	7.7
July	308.3	0.6	43.8	28.1	1.6	0.1	161.1	4.7	165.8	W	6.5

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

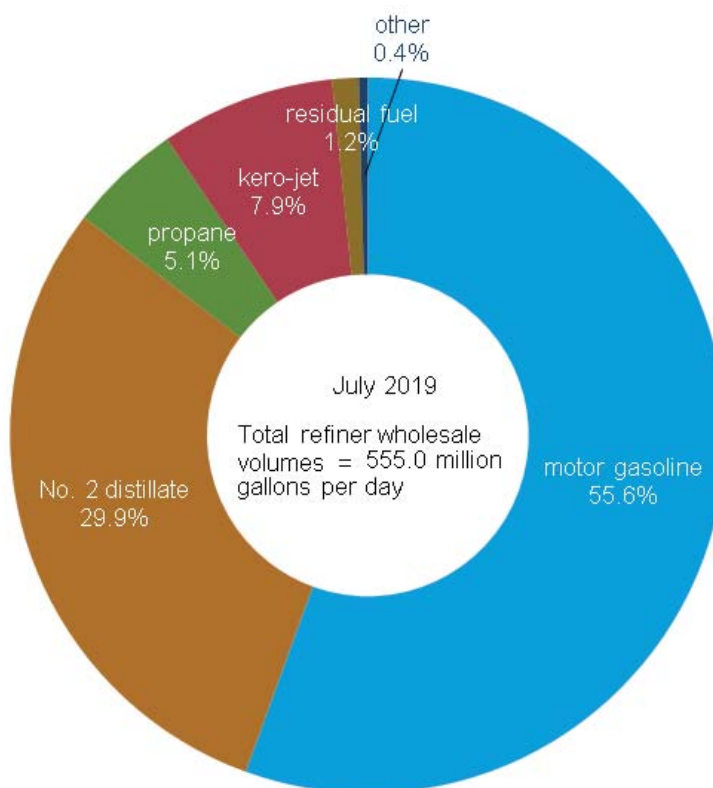
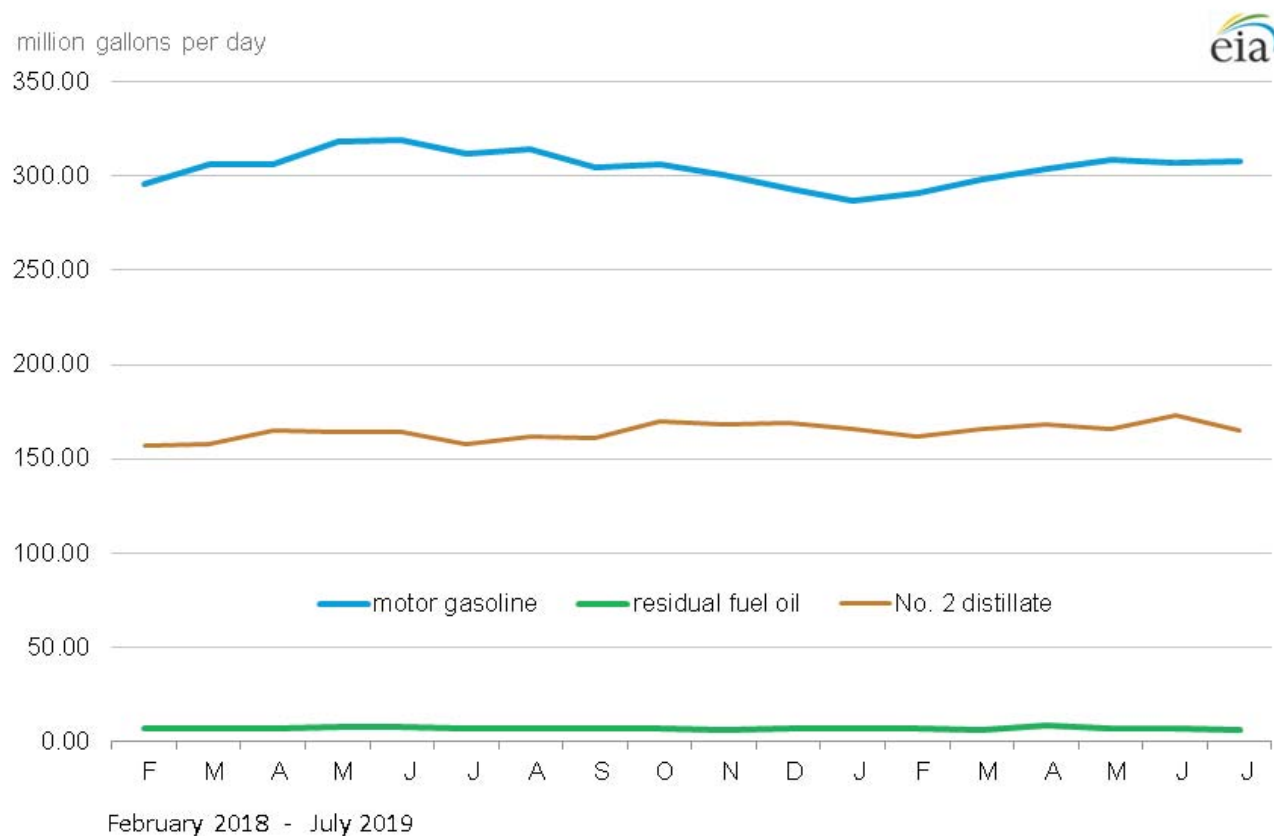
R = Revised data.

[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: Motor gasoline averages and totals before October 1993 include leaded gasoline. Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2018 are final. Totals may not equal the sum of the components because of rounding.

Sources: U.S. Energy Information Administration Form EIA-782A, *Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report*.

Figure 5. U.S. refiner wholesale petroleum product volumes



Source: U.S. Energy Information Administration, Form EIA-782A, *Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report*.

Table 6. U.S. refiner motor gasoline prices by grade and sales type

dollars per gallon excluding taxes

Year month	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average
1994	0.695	0.689	0.646	0.547	0.502	0.566	0.791	0.785	0.704	0.584	NA	0.638
1995	0.723	0.717	0.682	0.576	0.534	0.593	0.813	0.808	0.737	0.619	NA	0.670
1996	0.812	0.807	0.770	0.672	0.622	0.685	0.901	0.896	0.824	0.709	NA	0.759
1997	0.803	0.798	0.764	0.656	0.615	0.673	0.898	0.895	0.822	0.694	0.711	0.749
1998	0.634	0.630	0.596	0.481	0.449	0.499	0.731	0.728	0.655	0.521	NA	0.576
1999	0.747	0.742	0.730	0.605	0.542	0.620	0.838	0.835	0.784	0.639	NA	0.696
2000	1.077	1.073	1.042	0.927	0.873	0.942	1.171	1.168	1.099	0.960	-	1.013
2001	1	0.997	0.977	0.848	0.786	0.865	1.103	1.10	1.042	0.888	-	0.945
2002	0.915	0.912	0.886	0.801	0.735	0.806	1.013	1.010	0.968	0.839	-	0.885
2003	1.127	1.123	1.134	0.965	0.888	0.981	1.222	1.218	1.196	1.004	-	1.061
2004	1.407	1.404	1.414	1.257	1.182	1.269	1.503	1.499	1.469	1.296	-	1.340
2005	1.805	1.802	1.765	1.653	1.568	1.654	1.896	1.893	1.821	1.681	-	1.708
2006	2.102	2.099	2.082	1.944	1.866	1.950	2.216	2.213	2.157	1.987	-	2.016
2007	2.318	2.315	2.278	2.161	2.074	2.161	2.440	2.438	2.351	2.226	-	2.245
2008	2.752	2.748	2.702	2.558	2.525	2.570	2.880	2.879	2.775	2.588	-	2.610
2009	1.860	1.856	1.866	1.744	1.668	1.747	1.998	1.997	1.957	1.762	-	1.784
2010	2.275	2.270	2.261	2.144	2.073	2.146	2.416	2.416	2.357	2.168	-	2.185
2011	3.028	3.021	2.961	2.846	2.762	2.847	3.165	3.165	3.057	2.880	-	2.893
2012	3.132	3.118	3.086	2.892	2.836	2.904	3.291	3.290	3.194	2.906	-	2.925
2013	3.029	3.010	2.907	2.769	2.747	2.779	3.200	3.199	3.038	2.862	-	2.876
2014	2.832	2.811	2.767	2.574	2.520	2.584	3.031	3.030	2.903	2.716	-	2.738
2015	1.939	1.938	2.105	1.654	1.604	1.681	2.225	2.224	2.252	1.824	-	1.872
2016	1.661	1.660	1.701	1.392	1.354	1.410	1.935	1.934	1.839	1.552	-	1.586
2017	1.903	1.902	1.957	1.625	1.622	1.647	2.202	2.200	2.090	1.791	-	1.826
2018												
January	2.039	2.037	2.066	1.791	1.803	1.810	2.330	2.328	2.227	1.953	-	1.986
February	2.049	2.047	2.153	1.750	1.838	1.782	2.389	2.386	2.302	1.924	-	1.970
March	2.080	2.078	2.248	1.820	1.805	1.846	2.419	2.417	2.415	1.997	-	2.047
April	2.241	2.239	2.411	1.985	1.945	2.010	2.556	2.554	2.560	2.167	-	2.214
May	2.422	2.419	2.549	2.140	2.090	2.162	2.736	2.733	2.680	2.319	-	2.358
June	2.395	2.392	2.502	2.065	2.063	2.092	2.723	2.721	2.612	2.253	-	2.291
July	2.369	2.367	2.446	2.084	2.053	2.105	2.679	2.677	2.580	2.271	-	2.305
August	2.348	2.345	2.402	2.053	2.046	2.075	2.662	2.661	2.546	2.237	-	2.270
September	2.352	2.349	2.479	2.069	2.046	2.093	2.679	2.678	2.631	2.254	-	2.296
October	2.361	2.357	2.592	2.005	2.060	2.046	2.725	2.723	2.725	2.202	-	2.261
November	2.117	2.113	2.320	1.643	1.679	1.688	2.534	2.532	2.435	1.833	-	1.899
December	1.881	1.878	2.087	1.425	1.459	1.469	2.300	2.299	2.225	1.611	-	1.681
2018	2.225	2.222	2.359	1.907	1.923	1.937	2.565	2.563	2.498	2.098	-	2.143
2019												
January	1.766	1.762	1.984	1.405	1.407	1.441	2.158	2.157	2.138	1.584	-	1.644
February	1.869	1.865	2.034	1.555	1.499	1.582	2.214	2.213	2.230	1.728	-	1.783
March	2.059	2.056	2.212	1.820	1.729	1.839	2.392	2.391	2.381	1.993	-	2.034
April	2.405	2.402	2.685	2.052	2.026	2.091	2.769	2.767	2.835	2.246	-	2.306
May	2.438	2.432	2.711	2.020	1.983	2.061	2.825	2.822	2.840	2.211	-	2.268
June	2.284	R2.277	2.456	1.822	R1.771	1.860	2.665	2.662	2.604	2.014	-	2.066
July	2.300	2.294	2.378	1.906	1.836	1.933	2.639	2.637	2.565	2.114	-	2.151

See footnotes at end of table.

Table 6. U.S. refiner motor gasoline prices by grade and sales type (cont.)

dollars per gallon excluding taxes

Year month	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average
1994	0.873	0.865	0.787	0.640	0.556	0.695	0.744	0.738	0.693	0.567	0.509	0.599
1995	0.897	0.890	0.822	0.673	0.583	0.722	0.771	0.765	0.729	0.598	0.540	0.626
1996	0.979	0.972	0.897	0.762	0.669	0.803	0.853	0.847	0.809	0.690	0.627	0.713
1997	0.979	0.973	0.895	0.749	0.658	0.792	0.844	0.839	0.803	0.674	0.620	0.70
1998	0.811	0.805	0.726	0.573	0.489	0.617	0.678	0.673	0.636	0.50	0.454	0.526
1999	0.912	0.906	0.851	0.687	0.585	0.726	0.785	0.781	0.765	0.621	0.549	0.645
2000	1.250	1.242	1.174	1.017	0.927	1.055	1.111	1.106	1.074	0.940	0.879	0.963
2001	1.181	1.175	1.112	0.936	0.830	0.980	1.035	1.032	1.009	0.862	0.791	0.886
2002	1.094	1.088	1.030	0.899	0.80	0.928	0.949	0.947	0.922	0.816	0.741	0.828
2003	1.312	1.305	1.269	1.064	0.955	1.113	1.160	1.156	1.164	0.978	0.893	1.002
2004	1.603	1.596	1.553	1.361	1.274	1.408	1.439	1.435	1.442	1.270	1.187	1.288
2005	2	1.992	1.901	1.760	1.696	1.789	1.833	1.829	1.791	1.664	1.576	1.670
2006	2.326	2.320	2.231	2.093	1.988	2.117	2.131	2.128	2.110	1.959	1.873	1.969
2007	2.558	2.552	2.460	2.339	2.209	2.357	2.349	2.345	2.311	2.180	2.080	2.182
2008	2.971	2.965	2.846	2.718	2.689	2.746	2.778	2.775	2.726	2.572	2.532	2.586
2009	2.128	2.122	2.059	1.941	1.816	1.958	1.892	1.888	1.899	1.761	1.675	1.767
2010	2.543	2.536	2.446	2.334	2.187	2.346	2.306	2.301	2.293	2.162	2.078	2.165
2011	3.291	3.283	3.139	3.047	2.873	3.049	3.058	3.050	2.990	2.864	2.769	2.867
2012	3.413	3.400	3.273	3.149	3.102	3.163	3.168	3.154	3.117	2.916	2.861	2.929
2013	3.320	3.307	3.108	3.076	3.010	3.075	3.068	3.049	2.942	2.801	2.774	2.812
2014	3.152	3.138	2.941	2.878	2.783	2.880	2.876	2.855	2.800	2.606	2.548	2.618
2015	2.392	2.386	2.312	2.035	1.845	2.061	2.006	2.003	2.148	1.696	1.627	1.726
2016	2.134	2.132	1.939	1.757	1.535	1.767	1.731	1.730	1.754	1.434	1.374	1.454
2017	2.416	2.413	2.204	1.973	1.825	1.997	1.978	1.976	2.013	1.665	1.644	1.689
2018												
January	2.552	2.547	2.328	2.115	1.992	2.136	2.111	2.108	2.125	1.827	1.824	1.849
February	2.619	2.614	2.413	2.087	1.982	2.126	2.130	2.127	2.211	1.787	1.851	1.823
March	2.649	2.644	2.523	2.166	2.013	2.206	2.162	2.160	2.307	1.859	1.821	1.889
April	2.787	2.783	2.663	2.342	2.189	2.376	2.317	2.315	2.467	2.026	1.969	2.054
May	2.952	2.945	2.789	2.492	2.315	2.521	2.498	2.494	2.602	2.181	2.108	2.205
June	2.940	2.933	2.726	2.420	2.226	2.444	2.473	2.469	2.551	2.105	2.083	2.135
July	2.897	2.891	2.687	2.434	2.255	2.455	2.445	2.442	2.499	2.125	2.076	2.148
August	2.881	2.874	2.652	2.397	2.215	2.421	2.424	2.421	2.457	2.093	2.065	2.118
September	2.897	2.891	2.740	2.410	2.263	2.446	2.431	2.428	2.537	2.108	2.065	2.136
October	2.962	2.954	2.840	2.361	2.249	2.419	2.445	2.441	2.647	2.045	2.080	2.090
November	2.764	2.755	2.542	1.998	1.825	2.062	2.210	2.205	2.369	1.683	1.694	1.732
December	2.534	2.526	2.321	1.766	1.594	1.832	1.977	1.973	2.140	1.464	1.476	1.514
2018	2.790	2.784	2.605	2.256	2.105	2.293	2.306	2.303	2.413	1.947	1.942	1.980
2019												
January	2.401	2.394	2.232	1.734	1.548	1.786	1.858	1.854	2.040	1.442	1.424	1.483
February	2.447	2.440	2.312	1.877	1.721	1.925	1.954	1.949	2.097	1.591	1.527	1.624
March	2.621	2.615	2.484	2.148	2.011	2.187	2.141	2.137	2.272	1.857	1.755	1.881
April	3.012	3.004	2.957	2.417	2.325	2.483	2.492	2.487	2.744	2.093	2.059	2.138
May	3.068	3.052	2.967	2.401	2.240	2.465	2.527	2.520	2.765	2.064	2.009	2.110
June	2.904	2.887	2.719	2.199	1.995	2.255	2.374	2.366	2.513	1.866	R1.802	1.909
July	2.876	2.861	2.664	2.297	2.177	2.337	2.383	2.375	2.441	1.952	1.883	1.984

NA = Not available.

- = No data reported.

R = Revised data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Motor gasoline averages and totals prior to October 1993 include leaded gasoline. Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales. - Data for the 4th quarter of 1993 were derived from two separate survey systems. The DTW, Rack, and Bulk components were derived from the revised EIA-782 survey system, while the End-Use and Average Resale categories were derived from the predecessor EIA-782 survey system. Therefore, the DTW, Rack, and Bulk components are not consistent with the Average Resale category. Beginning January 1994, all data are from the revised EIA-782 survey system and are consistent. - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2018 are final.

Sources: U.S. Energy Information Administration Form EIA-782A, *Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report*.

Table 7. U.S. refiner motor gasoline volumes by grade and sales type

million gallons per day

Year month	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total
1994	34.3	35.9	47.7	120.3	24.3	192.3	8.5	8.7	12.8	15.7	0.2	28.7
1995	34.3	35.9	43.8	126.2	31.8	201.8	9.6	9.8	13.3	17.2	0.1	30.6
1996	37.2	38.9	46.5	131.9	35.2	213.6	9.5	9.8	12.9	16.6	NA	29.5
1997	40.5	42.4	46.2	135.7	33.9	215.8	9.7	10.0	12.1	16.3	NA	28.4
1998	41.7	43.2	44.4	138.9	37.1	220.3	10.1	10.3	11.1	16.3	NA	27.4
1999	41.6	43.0	45.6	147.5	34.5	227.6	9.9	10.1	10.5	16.1	NA	26.6
2000	43.6	45.0	47.5	159.3	32.4	239.3	8.6	8.7	8.8	14.2	-	23.0
2001	45.0	46.3	47.2	163.2	33.0	243.5	8.3	8.4	7.8	13.3	-	21.1
2002	46.2	47.4	46.9	163.0	39.2	249.2	8.3	8.5	7.4	13.4	-	20.8
2003	47.3	48.6	43.5	171.4	40.1	255.0	7.8	7.9	5.5	13.1	-	18.6
2004	44.5	45.8	41.1	182.1	42.2	265.4	6.4	6.5	4.4	12.7	-	17.0
2005	46.4	47.5	37.5	189.8	45.8	273.2	5.9	6.0	3.2	13.5	-	16.7
2006	48.2	49.4	34.8	196.0	40.8	271.7	5.5	5.5	2.4	11.7	-	14.1
2007	47.0	47.8	34.0	195.7	46.8	276.6	5.0	5.0	2.0	11.7	-	13.7
2008	45.6	46.6	32.5	192.7	43.7	268.8	4.1	4.2	1.5	11.0	-	12.5
2009	40.5	42.2	32.4	196.8	39.3	268.5	3.5	3.5	1.3	10.2	-	11.5
2010	36.6	38.1	29.0	202.2	41.4	272.5	3.0	3.1	0.9	9.9	-	10.8
2011	32.1	33.5	24.9	204.9	30.5	260.2	2.5	2.5	0.7	8.5	-	9.2
2012	23.6	25.2	22.4	209.3	25.8	257.5	1.9	1.9	0.6	8.3	-	8.9
2013	19.3	20.9	22.7	209.2	22.3	254.2	1.6	1.6	0.6	6.7	-	7.2
2014	16.7	18.2	18.9	216.9	18.9	254.8	1.4	1.4	0.4	3.1	-	3.5
2015	20.8	21.1	18.0	224.2	19.6	261.8	1.7	1.8	0.3	2.7	-	3.1
2016	20.8	21.0	17.9	228.0	19.0	264.9	1.8	1.8	0.3	2.5	-	2.8
2017	20.0	20.2	17.2	230.5	15.6	263.4	1.7	1.7	0.3	2.1	-	2.4
2018												
January	18.5	18.7	15.9	215.9	16.4	248.3	1.5	1.5	0.2	1.7	-	2.0
February	19.2	19.5	16.8	224.3	18.9	260.1	1.6	1.6	0.2	1.8	-	2.0
March	19.7	20.0	17.3	231.3	20.4	269.0	1.7	1.7	0.2	1.8	-	2.1
April	19.6	19.8	17.5	231.0	20.6	269.0	1.6	1.6	0.3	1.9	-	2.1
May	19.8	20.1	17.3	240.2	21.5	279.0	1.7	1.7	0.2	2.0	-	2.2
June	20.5	20.8	17.4	242.1	20.4	279.8	1.7	1.7	0.2	2.0	-	2.2
July	20.0	20.3	17.3	237.2	18.3	272.7	1.7	1.7	0.2	2.0	-	2.2
August	20.7	21.0	17.6	241.8	15.5	275.0	1.7	1.7	0.2	2.0	-	2.2
September	19.8	20.1	17.1	230.0	20.7	267.8	1.7	1.7	0.2	1.8	-	2.0
October	20.3	20.6	17.0	236.1	15.9	269.0	1.7	1.7	0.2	1.7	-	1.9
November	20.2	20.5	16.7	233.2	15.2	265.1	1.7	1.7	0.2	1.7	-	1.9
December	19.8	20.0	16.6	227.2	13.5	257.2	1.6	1.6	0.2	1.6	-	1.8
2018	19.9	20.1	17.0	232.6	18.1	267.7	1.6	1.7	0.2	1.8	-	2.1
2019												
January	19.0	19.2	15.6	218.2	17.8	251.6	1.6	1.6	0.2	1.5	-	1.7
February	19.2	19.5	16.4	222.8	15.9	255.2	1.6	1.6	0.2	1.5	-	1.7
March	19.9	20.1	16.8	229.8	15.1	261.7	1.7	1.7	0.2	1.6	-	1.8
April	19.8	20.0	17.0	235.7	14.8	267.5	1.7	1.7	0.2	1.6	-	1.8
May	20.2	20.6	16.9	239.7	14.3	270.9	1.6	1.6	0.2	1.8	-	2.0
June	20.3	20.7	17.1	240.7	R10.9	R268.7	1.7	1.7	0.2	1.8	-	2.0
July	20.2	20.6	16.7	241.8	10.2	268.7	1.7	1.7	0.2	1.8	-	2.0

See footnotes at end of table.

Table 7. U.S. refiner motor gasoline volumes by grade and sales type (cont.)

million gallons per day

Year month	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total
1994	10.0	10.3	22.6	29.9	3.2	55.7	52.8	55.0	83.1	165.9	27.7	276.7
1995	9.8	10.2	20.8	31.5	4.2	56.4	53.7	55.9	77.9	174.8	36.0	288.8
1996	8.4	8.8	18.2	28.3	4.1	50.5	55.1	57.5	77.5	176.8	39.3	293.6
1997	8.4	8.8	16.9	27.6	4.0	48.5	58.7	61.1	75.1	179.6	38.0	292.7
1998	9.6	9.9	17.4	30.9	4.3	52.7	61.4	63.3	73.0	186.1	41.4	300.4
1999	8.7	8.9	16.1	31.0	5.7	52.7	60.2	62.0	72.2	194.6	40.2	306.9
2000	6.9	7.1	13.0	24.4	4.7	42.1	59.1	60.9	69.4	197.9	37.1	304.4
2001	7.1	7.3	12.3	24.6	3.7	40.6	60.4	62.0	67.4	201.1	36.7	305.2
2002	7.5	7.8	12.5	25.2	4.1	41.8	62.1	63.6	66.9	201.7	43.3	311.8
2003	7.1	7.3	10.8	23.9	3.3	38.1	62.2	63.8	59.8	208.4	43.4	311.6
2004	5.9	6.1	9.4	22.3	2.3	34.0	56.9	58.4	54.8	217.1	44.5	316.4
2005	5.2	5.4	8.0	20.9	3.0	31.9	57.5	59.0	48.7	224.2	48.9	321.8
2006	4.9	5.1	7.1	20.3	2.4	29.7	58.6	60.0	44.3	228.0	43.2	315.6
2007	4.7	4.8	6.9	20.2	2.4	29.5	56.7	57.7	43.0	227.6	49.2	319.8
2008	4.2	4.3	5.9	17.1	1.9	25.0	53.9	55.1	39.9	220.8	45.7	306.4
2009	4.0	4.1	6.3	19.1	2.1	27.4	48.0	49.8	39.9	226.1	41.4	307.4
2010	3.4	3.5	5.7	20.9	2.1	28.7	43.1	44.7	35.7	232.9	43.5	312.0
2011	2.9	3.0	4.6	20.3	2.0	26.9	37.5	39.0	30.1	233.7	32.5	296.3
2012	2.5	2.6	4.2	21.6	2.6	28.4	28.0	29.7	27.2	239.2	28.4	294.7
2013	2.2	2.3	4.3	22.7	2.6	29.6	23.0	24.7	27.6	238.6	24.8	291.0
2014	1.9	2.0	4.2	24.4	2.3	30.9	19.9	21.6	23.5	244.5	21.2	289.2
2015	2.6	2.6	4.5	27.3	2.0	33.8	25.1	25.5	22.9	254.2	21.6	298.7
2016	2.7	2.7	5.0	28.8	2.4	36.1	25.3	25.6	23.2	259.3	21.3	303.8
2017	2.5	2.6	4.9	29.0	1.9	35.7	24.2	24.5	22.4	261.6	17.5	301.5
2018												
January	2.3	2.3	4.5	26.3	2.0	32.8	22.3	22.5	20.7	244.0	18.4	283.1
February	2.3	2.3	4.7	27.3	2.0	34.0	23.1	23.4	21.8	253.4	20.8	296.0
March	2.4	2.5	4.7	28.7	1.7	35.2	23.8	24.1	22.3	261.9	22.1	306.3
April	2.4	2.4	4.9	28.7	2.2	35.8	23.5	23.8	22.6	261.5	22.8	306.9
May	2.5	2.5	4.8	30.5	1.9	37.2	24.0	24.3	22.3	272.7	23.4	318.4
June	2.5	2.6	4.8	29.9	2.8	37.5	24.7	25.1	22.4	273.9	23.2	319.5
July	2.5	2.5	4.8	30.0	2.3	37.1	24.2	24.6	22.3	269.2	20.6	312.1
August	2.6	2.6	4.9	30.5	2.0	37.3	25.0	25.4	22.8	274.2	17.5	314.5
September	2.5	2.5	4.8	28.9	1.9	35.6	24.0	24.4	22.1	260.7	22.6	305.4
October	2.4	2.4	4.7	28.6	1.9	35.2	24.3	24.7	21.9	266.4	17.9	306.2
November	2.4	2.4	4.7	28.5	1.7	34.9	24.3	24.6	21.5	263.4	16.9	301.8
December	2.5	2.5	4.7	28.2	1.9	34.9	23.9	24.2	21.5	257.0	15.4	293.9
2018	2.4	2.5	4.7	28.8	2.0	35.6	23.9	24.3	22.0	263.3	20.1	305.4
2019												
January	2.4	2.4	4.4	27.0	2.4	33.9	22.9	23.2	20.3	246.7	20.2	287.2
February	2.4	2.5	4.6	27.7	2.3	34.7	23.2	23.6	21.3	252.1	18.2	291.6
March	2.5	2.5	4.6	28.5	1.5	34.6	24.0	24.3	21.6	259.9	16.6	298.1
April	2.4	2.4	4.6	29.2	1.8	35.6	23.8	24.1	21.9	266.5	16.6	304.9
May	2.4	2.5	4.5	30.1	1.6	36.3	24.3	24.7	21.7	271.7	15.9	309.2
June	2.5	2.6	4.7	30.7	1.8	37.2	24.5	24.9	21.9	273.2	R12.6	R307.8
July	2.5	2.6	4.6	31.4	1.6	37.7	24.4	24.8	21.5	275.0	11.8	308.3

NA = Not available.

- = No data reported.

R = Revised data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Motor gasoline averages and totals prior to October 1993 include leaded gasoline. - Data for the 4th quarter of 1993 were derived from two separate survey systems. The DTW, Rack, and Bulk components were derived from the revised EIA-782 survey system, while the End-Use and Average Resale categories were derived from the predecessor EIA-782 survey system. Therefore, the DTW, Rack, and Bulk components are not consistent with the Average Resale category. Beginning January 1994, all data are from the revised EIA-782 survey system and are consistent. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2018 are final. Totals may not equal the sum of the components due to rounding.

Sources: U.S. Energy Information Administration Form EIA-782A, *Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report*.

Table 8. U.S. refiner conventional motor gasoline prices by grade and sales type

dollars per gallon excluding taxes

Year month	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average
1994	0.687	0.681	0.636	0.545	0.50	0.558	0.784	0.778	0.694	NA	NA	0.627
1995	0.710	0.704	0.651	0.570	0.525	0.573	0.80	0.794	0.711	0.610	NA	0.637
1996	0.797	0.791	0.743	0.665	0.607	0.664	0.884	0.878	0.801	0.70	NA	0.726
1997	0.781	0.775	0.719	0.649	0.60	0.648	0.874	0.869	0.783	0.685	W	0.708
1998	0.611	0.606	0.551	0.473	0.439	0.473	0.704	0.70	0.613	0.511	W	0.533
1999	0.710	0.706	0.676	0.595	0.520	0.590	0.802	0.799	0.734	0.628	-	0.650
2000	1.045	1.040	0.994	0.913	0.844	0.909	1.136	1.133	1.052	0.945	-	0.964
2001	0.961	0.958	0.914	0.835	0.761	0.830	1.058	1.055	0.984	0.872	-	0.889
2002	0.893	0.891	0.836	0.791	0.723	0.782	0.985	0.981	0.906	0.829	-	0.839
2003	1.081	1.078	1.040	0.952	0.871	0.942	1.173	1.168	1.108	0.994	-	1.006
2004	1.368	1.364	1.325	1.244	1.170	1.234	1.454	1.450	1.391	1.287	-	1.296
2005	1.780	1.776	1.709	1.643	1.555	1.629	1.861	1.857	1.781	1.675	-	1.682
2006	2.062	2.060	2.054	1.925	1.864	1.918	2.166	2.164	2.134	1.972	-	1.980
2007	2.292	2.289	2.242	2.153	2.065	2.138	2.392	2.390	2.298	2.222	-	2.225
2008	2.717	2.714	2.698	2.560	2.513	2.555	2.829	2.829	2.734	2.581	-	2.586
2009	1.825	1.821	1.817	1.735	1.657	1.723	1.936	1.936	1.877	1.751	-	1.755
2010	2.244	2.239	2.244	2.139	2.065	2.128	2.361	2.361	2.336	2.160	-	2.164
2011	2.998	2.989	2.916	2.834	2.751	2.825	3.105	3.104	3.033	2.869	-	2.872
2012	3.076	3.060	2.999	2.867	2.816	2.864	3.202	3.202	3.117	2.886	-	2.890
2013	2.975	2.954	2.797	2.745	2.724	2.745	3.110	3.110	2.947	2.850	-	2.852
2014	2.775	2.753	2.706	2.558	2.502	2.556	2.932	2.931	2.858	2.703	-	2.711
2015	1.833	1.833	1.858	1.625	1.575	1.625	2.033	2.032	2.090	1.794	-	1.809
2016	1.591	1.591	1.497	1.375	1.332	1.374	1.811	1.811	1.681	1.541	-	1.549
2017	1.829	1.829	1.780	1.607	1.602	1.610	2.082	2.080	1.954	1.781	-	1.791
2018												
January	1.965	1.963	1.888	1.776	1.783	1.779	2.203	2.201	2.087	1.945	-	1.954
February	1.949	1.948	1.934	1.732	1.827	1.744	2.218	2.216	2.151	1.912	-	1.928
March	1.974	1.973	2.051	1.791	1.776	1.795	2.235	2.233	2.253	1.972	-	1.990
April	2.148	2.148	2.232	1.956	1.915	1.957	2.411	2.408	2.436	2.147	-	2.165
May	2.331	2.328	2.385	2.106	2.067	2.107	2.597	2.592	2.579	2.300	-	2.316
June	2.298	2.295	2.340	2.036	2.044	2.042	2.579	2.576	2.532	2.246	-	2.261
July	2.286	2.284	2.288	2.063	2.027	2.065	2.550	2.548	2.458	2.270	-	2.281
August	2.267	2.264	2.235	2.038	2.025	2.041	2.536	2.535	2.442	2.244	-	2.254
September	2.265	2.263	2.271	2.054	2.028	2.056	2.537	2.536	2.485	2.252	-	2.266
October	2.249	2.247	2.358	1.989	2.042	1.999	2.540	2.538	2.586	2.190	-	2.213
November	1.984	1.982	2.115	1.628	1.655	1.639	2.314	2.312	2.383	1.824	-	1.855
December	1.731	1.729	1.880	1.394	1.437	1.406	2.047	2.047	2.150	1.579	-	1.612
2018	2.123	2.122	2.167	1.885	1.903	1.892	2.401	2.399	2.378	2.087	-	2.104
2019												
January	1.623	1.621	1.728	1.369	1.383	1.377	1.911	1.912	2.002	1.545	-	1.569
February	1.755	1.751	1.733	1.521	1.458	1.520	2.003	2.004	2.025	1.685	-	1.702
March	1.954	1.952	1.954	1.788	1.687	1.784	2.210	2.210	2.181	1.962	-	1.973
April	2.248	2.245	2.320	1.995	1.963	1.999	2.505	2.504	2.504	2.186	-	2.201
May	2.263	2.260	2.389	1.968	1.926	1.973	2.546	2.544	2.579	2.171	-	2.187
June	R2.122	R2.118	2.141	1.781	R1.729	1.786	R2.408	2.406	2.341	1.990	-	2.003
July	2.177	2.172	2.118	1.872	1.789	1.873	2.436	2.434	2.338	2.101	-	2.109

See footnotes at end of table.

Table 8. U.S. refiner conventional motor gasoline prices by grade and sales type (cont.)

dollars per gallon excluding taxes

Year month	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average
1994	0.863	0.855	0.778	0.638	0.555	0.682	0.736	0.729	0.683	0.565	0.507	0.589
1995	0.877	0.868	0.790	0.665	0.568	0.684	0.753	0.746	0.693	0.590	0.530	0.598
1996	0.960	0.951	0.869	0.755	0.645	0.767	0.834	0.827	0.778	0.682	0.610	0.685
1997	0.954	0.946	0.856	0.742	0.641	0.753	0.819	0.813	0.756	0.666	0.604	0.668
1998	0.783	0.776	0.684	W	0.474	0.576	0.652	0.647	0.589	0.491	0.442	0.494
1999	0.872	0.865	0.801	0.679	0.558	0.681	0.748	0.743	0.711	0.611	0.525	0.609
2000	1.211	1.201	1.120	1.002	0.897	1.005	1.076	1.071	1.023	0.926	0.849	0.925
2001	1.129	1.123	1.042	0.922	0.806	0.923	0.992	0.989	0.943	0.848	0.765	0.845
2002	1.064	1.058	0.978	0.889	0.788	0.886	0.924	0.921	0.867	0.806	0.729	0.798
2003	1.253	1.245	1.178	1.051	0.925	1.050	1.109	1.105	1.067	0.965	0.874	0.957
2004	1.544	1.534	1.466	1.347	1.248	1.348	1.391	1.387	1.348	1.257	1.174	1.247
2005	1.966	1.954	1.857	1.747	1.652	1.746	1.801	1.797	1.732	1.654	1.560	1.641
2006	2.274	2.265	2.215	2.070	1.981	2.071	2.084	2.082	2.077	1.940	1.869	1.933
2007	2.502	2.494	2.415	2.328	2.181	2.317	2.313	2.309	2.267	2.172	2.070	2.156
2008	2.928	2.921	2.851	2.726	2.650	2.726	2.736	2.733	2.716	2.573	2.518	2.568
2009	2.062	2.054	2.014	1.927	1.802	1.918	1.845	1.841	1.843	1.750	1.664	1.738
2010	2.489	2.478	2.443	2.329	2.172	2.318	2.264	2.259	2.270	2.155	2.069	2.143
2011	3.230	3.219	3.105	3.035	2.864	3.018	3.016	3.008	2.939	2.851	2.758	2.841
2012	3.316	3.299	3.194	3.116	3.094	3.116	3.098	3.083	3.024	2.887	2.843	2.886
2013	3.231	3.213	3.011	3.059	3.004	3.049	2.997	2.977	2.825	2.775	2.755	2.774
2014	3.063	3.043	2.901	2.885	2.794	2.875	2.800	2.778	2.736	2.589	2.535	2.587
2015	2.216	2.210	2.085	2.016	1.812	1.999	1.869	1.869	1.899	1.663	1.599	1.663
2016	2.042	2.037	1.709	1.758	1.510	1.731	1.635	1.634	1.536	1.414	1.353	1.411
2017	2.338	2.331	2.002	1.973	1.792	1.961	1.876	1.876	1.821	1.643	1.622	1.646
2018												
January	2.479	2.468	2.118	2.121	1.956	2.106	2.010	2.009	1.931	1.809	1.801	1.811
February	2.493	2.482	2.176	2.086	1.943	2.078	1.997	1.996	1.980	1.766	1.838	1.777
March	2.510	2.502	2.298	2.154	1.954	2.146	2.022	2.021	2.097	1.827	1.789	1.829
April	2.683	2.676	2.484	2.337	2.141	2.325	2.197	2.196	2.278	1.993	1.936	1.994
May	2.867	2.852	2.632	2.487	2.273	2.476	2.380	2.377	2.431	2.145	2.083	2.145
June	2.848	2.832	2.570	2.425	2.201	2.404	2.348	2.345	2.383	2.074	2.064	2.079
July	2.828	2.814	2.522	2.439	2.224	2.422	2.335	2.333	2.332	2.102	2.050	2.102
August	2.814	2.798	2.477	2.418	2.185	2.403	2.317	2.314	2.280	2.077	2.043	2.079
September	2.810	2.796	2.526	2.420	2.222	2.409	2.315	2.313	2.318	2.091	2.042	2.091
October	2.823	2.806	2.617	2.366	2.188	2.363	2.300	2.297	2.406	2.025	2.056	2.035
November	2.583	2.565	2.373	2.010	1.778	2.007	2.038	2.035	2.164	1.665	1.667	1.675
December	2.322	2.306	2.133	1.745	1.533	1.744	1.784	1.782	1.930	1.428	1.449	1.440
2018	2.676	2.663	2.413	2.260	2.066	2.249	2.173	2.171	2.213	1.922	1.919	1.928
2019												
January	2.192	2.179	1.961	1.704	1.493	1.691	1.674	1.672	1.772	1.402	1.396	1.409
February	2.279	2.266	1.982	1.842	1.666	1.831	1.801	1.798	1.781	1.552	1.483	1.552
March	2.483	2.472	2.207	2.125	1.955	2.118	2.002	1.999	2.001	1.821	1.709	1.817
April	2.781	2.768	2.575	2.359	2.227	2.357	2.295	2.292	2.366	2.030	1.991	2.035
May	2.821	2.803	2.661	2.353	2.160	2.352	2.314	2.311	2.438	2.007	1.951	2.012
June	R2.697	R2.674	2.395	2.169	1.936	2.162	R2.175	R2.170	2.187	1.821	R1.759	1.826
July	2.726	2.706	2.387	2.278	2.139	2.274	2.227	2.222	2.168	1.915	1.837	1.917

NA = Not available.

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Beginning January 2007, oxygenated gasoline is included in conventional gasoline. - The 4th quarter of 1993 was a transitional period between the predecessor EIA-782 survey system and the revised EIA-782 survey system. The revised survey system contains additional product and sales categories, which may not be consistent with categories derived from the predecessor survey system. Beginning January 1994 all data are from the revised survey system and are consistent. Sales to end users - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2018 are final.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Table 9. U.S. refiner conventional motor gasoline volumes by grade and sales type

million gallons per day

Year month	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total
1994	29.7	31.2	36.1	113.5	22.8	172.4	7.6	7.8	10.1	14.6	0.1	24.8
1995	24.0	25.3	19.4	105.1	26.0	150.5	6.0	6.3	5.1	13.6	0.1	18.7
1996	24.1	25.4	17.8	108.5	27.1	153.4	5.7	5.9	4.4	12.9	NA	17.3
1997	25.0	26.4	16.4	110.9	26.4	153.7	5.7	5.9	3.9	12.7	W	16.6
1998	25.4	26.6	13.7	112.0	28.8	154.5	6.0	6.1	3.4	12.5	W	15.8
1999	25.0	26.0	13.4	117.4	24.9	155.8	5.9	6.0	3.1	12.2	-	15.3
2000	26.0	27.1	12.8	125.7	23.9	162.4	4.9	5.0	2.3	10.8	-	13.1
2001	26.6	27.4	12.0	128.5	24.0	164.5	4.6	4.7	1.9	10.2	-	12.0
2002	27.2	28.0	11.3	127.9	31.0	170.2	4.7	4.8	1.6	10.4	-	11.9
2003	27.5	28.3	10.3	131.1	32.4	173.8	4.3	4.4	1.2	10.0	-	11.2
2004	26.5	27.3	9.7	136.7	36.1	182.5	3.5	3.6	0.9	9.8	-	10.8
2005	27.4	28.3	9.0	140.1	36.4	185.5	3.1	3.2	0.7	10.8	-	11.5
2006	28.9	29.8	7.3	143.7	37.4	188.4	2.9	2.9	0.5	9.3	-	9.7
2007	29.6	30.2	7.4	150.3	43.0	200.7	2.6	2.6	0.5	10.3	-	10.8
2008	28.9	29.8	7.1	144.5	39.5	191.1	2.1	2.2	0.4	9.9	-	10.3
2009	26.5	27.8	6.6	147.0	35.9	189.5	1.9	1.9	0.3	9.1	-	9.4
2010	24.9	26.2	5.9	147.6	37.1	190.7	1.7	1.7	0.2	8.7	-	8.9
2011	21.3	22.4	5.4	147.3	26.3	179.0	1.3	1.3	0.1	7.4	-	7.5
2012	14.4	15.7	5.0	149.0	21.7	175.8	0.9	0.9	0.1	7.2	-	7.4
2013	11.6	13.0	6.2	149.9	18.8	174.9	0.7	0.7	0.1	5.7	-	5.8
2014	11.1	12.5	4.3	154.9	16.8	176.0	0.6	0.6	0.1	2.1	-	2.3
2015	14.0	14.3	3.9	160.7	16.8	181.4	0.8	0.8	0.1	1.9	-	2.0
2016	14.1	14.3	4.1	163.4	15.8	183.3	0.9	0.9	0.1	1.7	-	1.8
2017	13.3	13.5	3.9	165.5	13.0	182.4	0.8	0.8	0.1	1.5	-	1.6
2018												
January	12.2	12.4	3.5	153.8	13.7	171.0	0.7	0.7	0.1	1.2	-	1.3
February	12.8	13.0	3.6	159.4	15.6	178.6	0.7	0.7	0.1	1.2	-	1.3
March	13.0	13.2	3.7	165.6	17.0	186.2	0.8	0.8	0.1	1.3	-	1.4
April	12.8	13.0	3.6	165.1	17.8	186.4	0.7	0.8	0.1	1.3	-	1.4
May	12.9	13.2	3.5	172.6	18.7	194.9	0.7	0.8	0.1	1.4	-	1.5
June	13.4	13.7	3.6	174.3	17.4	195.4	0.8	0.8	0.1	1.4	-	1.5
July	13.0	13.2	3.7	171.6	14.7	189.9	0.7	0.8	0.1	1.4	-	1.5
August	13.5	13.8	3.7	174.3	12.3	190.3	0.8	0.8	0.1	1.4	-	1.5
September	12.9	13.2	3.5	164.7	18.0	186.2	0.7	0.8	0.1	1.3	-	1.4
October	13.2	13.5	3.5	170.0	13.7	187.1	0.7	0.7	0.1	1.2	-	1.3
November	13.4	13.6	3.4	167.7	12.9	184.0	0.7	0.8	0.1	1.2	-	1.3
December	12.9	13.2	3.4	162.8	10.8	177.0	0.7	0.7	0.1	1.2	-	1.2
2018	13.0	13.3	3.5	166.9	15.2	185.6	0.7	0.8	0.1	1.3	-	1.4
2019												
January	12.4	12.7	3.2	155.9	14.8	173.9	0.7	0.7	0.1	1.1	-	1.2
February	12.6	12.9	3.3	159.1	13.0	175.3	0.7	0.7	0.1	1.1	-	1.2
March	13.0	13.3	3.5	166.0	12.3	181.9	0.7	0.7	0.1	1.2	-	1.2
April	13.0	13.3	3.5	169.9	12.3	185.7	0.7	0.7	0.1	1.2	-	1.3
May	13.4	13.7	3.5	173.2	11.2	187.9	0.7	0.8	0.1	1.4	-	1.4
June	13.3	13.6	3.5	173.5	R8.0	R185.0	0.7	0.8	0.1	1.3	-	1.4
July	13.3	13.6	3.6	175.7	7.8	187.1	0.7	0.8	0.0	1.4	-	1.4

See footnotes at end of table.

Table 9. U.S. refiner conventional motor gasoline volumes by grade and sales type (cont.)

million gallons per day

Year month	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total
1994	8.5	8.9	16.5	28.0	2.8	47.2	45.8	47.9	62.7	156.0	25.8	244.5
1995	6.2	6.4	7.7	25.1	2.9	35.6	36.2	38.0	32.1	143.8	28.9	204.8
1996	4.9	5.1	5.8	22.5	2.5	30.8	34.7	36.5	28.1	143.8	29.6	201.5
1997	4.8	5.0	5.1	21.9	2.5	29.5	35.4	37.2	25.4	145.6	28.9	199.8
1998	5.5	5.7	4.7	W	2.7	31.9	36.9	38.5	21.8	148.9	31.5	202.2
1999	5.0	5.2	4.3	24.1	3.8	32.2	35.9	37.2	20.8	153.7	28.7	203.3
2000	3.7	3.9	3.1	18.6	2.8	24.5	34.7	35.9	18.2	155.1	26.7	200.0
2001	3.7	3.8	2.8	18.7	2.7	24.1	35.0	36.0	16.7	157.4	26.7	200.7
2002	3.8	4.0	2.6	19.1	3.0	24.7	35.8	36.8	15.5	157.4	34.0	206.9
2003	3.4	3.5	2.1	17.5	2.4	21.9	35.1	36.3	13.6	158.6	34.8	207.0
2004	2.6	2.8	1.6	15.8	1.7	19.2	32.6	33.7	12.3	162.3	37.8	212.4
2005	2.3	2.4	1.4	14.4	1.9	17.7	32.8	33.8	11.0	165.4	38.2	214.6
2006	2.1	2.2	1.1	13.9	1.7	16.6	33.9	35.0	8.8	166.8	39.1	214.7
2007	2.1	2.2	1.1	14.4	2.0	17.4	34.3	35.0	9.0	175.0	44.9	228.9
2008	1.8	1.9	0.9	11.7	1.5	14.2	32.9	33.9	8.4	166.2	41.0	215.6
2009	1.7	1.8	0.9	12.9	1.8	15.6	30.0	31.5	7.8	169.0	37.7	214.5
2010	1.5	1.6	0.8	13.5	1.7	15.9	28.2	29.5	6.9	169.8	38.8	215.5
2011	1.2	1.3	0.7	12.6	1.8	15.1	23.8	25.1	6.2	167.3	28.1	201.6
2012	1.0	1.1	0.7	13.2	2.4	16.2	16.3	17.7	5.8	169.5	24.1	199.4
2013	0.8	0.9	0.8	14.0	2.4	17.2	13.1	14.5	7.1	169.6	21.2	197.9
2014	0.7	0.8	0.7	15.1	2.1	17.9	12.5	14.0	5.1	172.1	18.9	196.2
2015	1.1	1.1	0.7	16.8	1.8	19.4	15.9	16.2	4.8	179.4	18.6	202.8
2016	1.1	1.2	0.8	17.7	2.1	20.6	16.1	16.4	5.0	182.8	17.9	205.7
2017	1.0	1.0	0.8	17.8	1.5	20.0	15.1	15.3	4.8	184.7	14.5	204.0
2018												
January	0.9	0.9	0.7	15.9	1.7	18.3	13.8	14.1	4.3	170.9	15.4	190.6
February	0.9	0.9	0.7	16.5	1.6	18.8	14.4	14.7	4.4	177.1	17.2	198.8
March	1.0	1.0	0.8	17.6	1.3	19.7	14.7	15.0	4.5	184.4	18.3	207.3
April	0.9	1.0	0.7	17.5	1.8	20.1	14.5	14.7	4.4	184.0	19.6	208.0
May	1.0	1.0	0.7	19.0	1.6	21.4	14.6	14.9	4.4	193.0	20.4	217.8
June	1.0	1.0	0.8	18.5	2.5	21.8	15.1	15.4	4.4	194.3	19.9	218.6
July	1.0	1.0	0.8	18.9	1.9	21.7	14.7	15.0	4.5	191.9	16.6	213.1
August	1.0	1.0	0.8	19.1	1.5	21.4	15.3	15.6	4.5	194.8	13.9	213.2
September	1.0	1.0	0.7	17.8	1.5	20.0	14.6	14.9	4.3	183.8	19.5	207.5
October	0.9	1.0	0.7	17.6	1.5	19.8	14.9	15.2	4.3	188.9	15.1	208.3
November	0.9	1.0	0.7	17.4	1.4	19.5	15.1	15.4	4.2	186.3	14.3	204.8
December	0.9	1.0	0.7	17.1	1.5	19.4	14.6	14.9	4.2	181.1	12.3	197.7
2018	1.0	1.0	0.7	17.8	1.7	20.2	14.7	15.0	4.4	185.9	16.9	207.2
2019												
January	0.9	0.9	0.7	16.4	2.0	19.0	14.0	14.3	3.9	173.4	16.8	194.1
February	0.9	1.0	0.7	16.7	1.8	19.2	14.2	14.5	4.0	176.8	14.8	195.7
March	1.0	1.0	0.7	17.5	1.1	19.3	14.7	15.0	4.3	184.7	13.4	202.4
April	1.0	1.0	0.7	17.9	1.5	20.1	14.7	15.0	4.3	189.1	13.7	207.1
May	1.0	1.0	0.7	18.7	1.3	20.8	15.1	15.4	4.3	193.3	12.5	210.1
June	1.0	1.1	0.8	19.1	1.4	21.2	15.1	15.5	4.3	R194.0	R9.3	R207.6
July	1.0	1.1	0.8	19.9	1.2	22.0	15.1	15.4	4.4	197.0	9.1	210.5

NA = Not available.

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Beginning January 2007, oxygenated gasoline is included in conventional gasoline. Sales to end users Year month Sales for resale - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2018 are final. Totals may not equal the sum of the components due to rounding. - The 4th quarter of 1993 was a transitional period between the predecessor EIA-782 survey system and the revised EIA-782 survey system. The revised survey system contains additional product and sales categories, which may not be consistent with categories derived from the predecessor survey system. Beginning January 1994 all data are from the revised survey system and are consistent.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Table 10. U.S. refiner reformulated motor gasoline prices by grade and sales type

dollars per gallon excluding taxes

Year month	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average
1994	0.764	0.758	0.720	0.569	0.543	0.638	0.879	0.873	0.770	0.628	W	0.728
1995	0.749	0.744	0.707	0.605	0.573	0.650	0.836	0.833	0.753	0.651	-	0.723
1996	0.834	0.830	0.788	0.698	0.677	0.738	0.924	0.921	0.837	0.741	W	0.809
1997	0.830	0.828	0.787	0.682	0.668	0.731	0.928	0.925	0.840	0.725	W	0.807
1998	0.668	0.665	0.616	0.509	0.484	0.557	0.769	0.767	0.673	0.553	W	0.638
1999	0.804	0.80	0.752	0.642	0.601	0.686	0.895	0.892	0.807	0.676	NA	0.767
2000	1.126	1.123	1.058	0.978	0.953	1.012	1.219	1.217	1.114	1.014	-	1.085
2001	1.059	1.056	1.001	0.893	0.856	0.938	1.166	1.163	1.061	0.942	-	1.027
2002	0.946	0.944	0.906	0.834	0.779	0.861	1.052	1.050	0.988	0.875	-	0.958
2003	1.196	1.192	1.168	1.006	0.962	1.069	1.293	1.290	1.224	1.047	-	1.165
2004	1.472	1.470	1.447	1.299	1.248	1.353	1.572	1.570	1.494	1.340	-	1.436
2005	1.850	1.848	1.787	1.682	1.619	1.711	1.945	1.944	1.834	1.726	-	1.789
2006	2.166	2.164	2.097	2.002	1.885	2.030	2.275	2.274	2.170	2.078	-	2.129
2007	2.362	2.360	2.288	2.186	2.175	2.221	2.490	2.489	2.368	2.256	-	2.316
2008	2.812	2.810	2.703	2.553	2.642	2.607	2.934	2.934	2.788	2.652	-	2.721
2009	1.927	1.925	1.878	1.770	1.782	1.806	2.066	2.066	1.981	1.855	-	1.914
2010	2.342	2.339	2.265	2.159	2.141	2.188	2.485	2.485	2.362	2.229	-	2.280
2011	3.089	3.085	2.973	2.874	2.831	2.895	3.233	3.233	3.062	2.954	-	2.990
2012	3.219	3.212	3.111	2.956	2.947	2.988	3.372	3.372	3.213	3.047	-	3.098
2013	3.110	3.101	2.948	2.830	2.869	2.856	3.268	3.268	3.066	2.939	-	2.979
2014	2.946	2.938	2.784	2.614	2.663	2.647	3.111	3.111	2.920	2.746	-	2.788
2015	2.159	2.158	2.174	1.728	1.775	1.807	2.404	2.404	2.321	1.892	-	1.989
2016	1.808	1.807	1.762	1.433	1.462	1.490	2.047	2.047	1.913	1.579	-	1.655
2017	2.048	2.047	2.009	1.672	1.717	1.729	2.303	2.303	2.164	1.815	-	1.891
2018												
January	2.183	2.182	2.116	1.829	1.907	1.878	2.437	2.437	2.305	1.973	-	2.049
February	2.247	2.246	2.211	1.795	1.888	1.866	2.534	2.534	2.389	1.954	-	2.053
March	2.284	2.282	2.300	1.892	1.948	1.961	2.572	2.572	2.505	2.059	-	2.160
April	2.416	2.415	2.458	2.060	2.132	2.129	2.684	2.684	2.626	2.217	-	2.313
May	2.591	2.590	2.591	2.227	2.246	2.287	2.849	2.849	2.734	2.366	-	2.447
June	2.576	2.575	2.544	2.141	2.174	2.208	2.840	2.840	2.653	2.271	-	2.354
July	2.522	2.522	2.489	2.141	2.160	2.199	2.781	2.781	2.641	2.272	-	2.355
August	2.500	2.499	2.446	2.093	2.127	2.153	2.764	2.764	2.600	2.220	-	2.301
September	2.512	2.511	2.532	2.106	2.171	2.179	2.791	2.791	2.708	2.259	-	2.360
October	2.569	2.568	2.652	2.048	2.167	2.152	2.873	2.873	2.799	2.233	-	2.361
November	2.375	2.373	2.373	1.682	1.813	1.799	2.713	2.713	2.462	1.857	-	1.997
December	2.164	2.163	2.140	1.504	1.548	1.610	2.496	2.496	2.265	1.695	-	1.825
2018	2.417	2.416	2.409	1.964	2.029	2.039	2.699	2.699	2.562	2.126	-	2.224
2019												
January	2.038	2.036	2.049	1.494	1.527	1.584	2.355	2.355	2.207	1.689	-	1.807
February	2.088	2.086	2.109	1.639	1.684	1.718	2.380	2.380	2.326	1.841	-	1.956
March	2.258	2.256	2.280	1.902	1.918	1.965	2.538	2.538	2.479	2.083	-	2.173
April	2.710	2.709	2.778	2.200	2.336	2.300	2.979	2.979	2.988	2.414	-	2.547
May	2.779	2.771	2.796	2.156	2.187	2.260	3.059	3.059	2.964	2.330	-	2.462
June	R2.593	R2.586	2.538	1.927	R1.886	2.025	R2.871	R2.871	2.716	2.084	-	2.219
July	2.538	2.532	2.448	1.998	1.992	2.070	2.807	2.807	2.658	2.150	-	2.251

See footnotes at end of table.

Table 10. U.S. refiner reformulated motor gasoline prices by grade and sales type (cont.)

dollars per gallon excluding taxes

Year month	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average
1994	0.966	0.958	0.861	0.677	0.558	0.777	0.831	0.824	0.771	0.599	0.547	0.687
1995	0.929	0.924	0.841	0.704	0.616	0.785	0.808	0.803	0.756	0.632	0.582	0.696
1996	1.002	0.998	0.910	0.791	0.709	0.859	0.882	0.878	0.828	0.720	0.682	0.774
1997	1.005	1.003	0.910	0.775	0.686	0.853	0.876	0.874	0.825	0.703	0.671	0.767
1998	0.847	0.845	0.741	W	0.516	0.680	0.717	0.714	0.657	0.529	0.489	0.593
1999	0.966	0.963	0.870	0.717	0.639	0.798	0.845	0.841	0.788	0.658	0.608	0.718
2000	1.297	1.291	1.189	1.064	0.972	1.125	1.164	1.160	1.092	0.993	0.957	1.039
2001	1.239	1.234	1.133	0.983	0.890	1.065	1.10	1.096	1.034	0.909	0.859	0.966
2002	1.124	1.119	1.046	0.930	0.832	0.991	0.987	0.985	0.944	0.851	0.785	0.891
2003	1.366	1.362	1.292	1.099	1.028	1.201	1.233	1.229	1.197	1.021	0.969	1.097
2004	1.655	1.652	1.574	1.399	1.348	1.489	1.510	1.507	1.474	1.313	1.257	1.378
2005	2.031	2.029	1.912	1.791	1.766	1.847	1.883	1.881	1.812	1.697	1.635	1.733
2006	2.369	2.367	2.239	2.149	2.004	2.183	2.202	2.20	2.125	2.020	1.906	2.055
2007	2.601	2.599	2.468	2.367	2.346	2.415	2.404	2.402	2.322	2.208	2.192	2.250
2008	3.003	3.001	2.845	2.70	2.826	2.772	2.845	2.843	2.728	2.569	2.659	2.629
2009	2.177	2.174	2.067	1.968	1.899	2.011	1.971	1.969	1.913	1.793	1.791	1.834
2010	2.587	2.584	2.446	2.343	2.247	2.380	2.386	2.383	2.299	2.182	2.150	2.215
2011	3.334	3.331	3.145	3.067	2.940	3.090	3.132	3.128	3.003	2.898	2.837	2.921
2012	3.478	3.473	3.288	3.201	3.175	3.225	3.265	3.259	3.143	2.986	2.961	3.020
2013	3.371	3.365	3.132	3.103	3.071	3.110	3.160	3.152	2.982	2.866	2.882	2.892
2014	3.206	3.202	2.949	2.867	2.642	2.886	3.005	2.996	2.818	2.648	2.661	2.682
2015	2.516	2.516	2.357	2.066	2.145	2.144	2.242	2.240	2.214	1.777	1.799	1.860
2016	2.201	2.201	1.986	1.755	1.710	1.816	1.900	1.899	1.814	1.481	1.484	1.543
2017	2.468	2.468	2.243	1.974	1.960	2.043	2.143	2.142	2.064	1.717	1.747	1.781
2018												
January	2.602	2.602	2.368	2.106	2.170	2.175	2.275	2.274	2.175	1.869	1.936	1.926
February	2.703	2.703	2.458	2.088	2.146	2.185	2.348	2.347	2.269	1.838	1.915	1.917
March	2.738	2.738	2.566	2.185	2.224	2.283	2.386	2.385	2.361	1.935	1.975	2.013
April	2.855	2.855	2.695	2.350	2.393	2.442	2.511	2.510	2.513	2.102	2.167	2.180
May	3.008	3.008	2.819	2.500	2.549	2.582	2.683	2.682	2.643	2.267	2.275	2.335
June	3.000	3.000	2.756	2.412	2.404	2.500	2.669	2.668	2.593	2.181	2.198	2.254
July	2.942	2.942	2.720	2.426	2.412	2.501	2.615	2.615	2.542	2.183	2.184	2.247
August	2.925	2.925	2.685	2.362	2.329	2.445	2.594	2.593	2.501	2.133	2.149	2.200
September	2.953	2.953	2.779	2.393	2.411	2.494	2.611	2.610	2.589	2.148	2.204	2.230
October	3.051	3.051	2.882	2.352	2.445	2.491	2.673	2.672	2.705	2.093	2.213	2.206
November	2.881	2.881	2.573	1.980	2.033	2.133	2.489	2.487	2.419	1.726	1.840	1.853
December	2.664	2.664	2.356	1.798	1.810	1.942	2.279	2.278	2.191	1.548	1.584	1.665
2018	2.864	2.864	2.641	2.249	2.277	2.351	2.516	2.515	2.463	2.006	2.058	2.090
2019												
January	2.532	2.532	2.280	1.780	1.801	1.908	2.151	2.149	2.103	1.536	1.562	1.637
February	2.550	2.550	2.371	1.930	1.927	2.042	2.194	2.192	2.171	1.683	1.719	1.772
March	2.706	2.706	2.537	2.186	2.151	2.274	2.360	2.359	2.339	1.944	1.950	2.016
April	3.165	3.165	3.028	2.511	2.722	2.646	2.810	2.808	2.835	2.246	2.385	2.356
May	3.238	3.229	3.027	2.481	2.587	2.617	2.878	2.871	2.848	2.204	2.222	2.317
June	3.042	3.034	2.782	2.249	2.194	2.379	2.692	2.685	2.594	1.975	R1.923	2.082
July	2.977	2.971	2.720	2.329	2.297	2.424	2.635	2.630	2.510	2.048	2.036	2.128

NA = Not available.

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2018 are final.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners' Gas Plant Operators' Monthly Petroleum Product Sales Report.

Table 11. U.S. refiner reformulated motor gasoline volumes by grade and sales type

million gallons per day

Year month	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total
1994	0.6	0.6	2.1	1.6	0.6	4.3	0.2	0.2	0.7	0.3	W	1.0
1995	7.8	8.1	20.7	W	W	43.3	3.0	3.1	7.4	3.1	-	10.5
1996	10.7	11.1	26.1	20.5	8.0	54.6	3.3	3.4	7.9	3.3	W	11.3
1997	13.4	13.8	28.0	21.7	7.6	57.3	3.6	3.7	7.9	3.1	W	11.0
1998	14.3	14.5	28.6	23.0	8.3	59.9	3.7	3.8	7.4	3.1	W	10.5
1999	14.5	14.8	29.8	26.1	9.6	65.5	3.6	3.7	7.0	3.1	NA	10.2
2000	15.5	15.9	32.1	29.1	8.5	69.6	3.3	3.4	6.2	2.6	-	8.8
2001	16.3	16.7	32.7	30.0	9.0	71.7	3.3	3.3	5.7	2.2	-	7.9
2002	16.9	17.2	33.1	30.4	8.2	71.7	3.3	3.3	5.6	2.1	-	7.6
2003	17.7	18.0	30.9	35.1	7.6	73.6	3.1	3.1	4.1	2.0	-	6.1
2004	16.2	16.5	29.5	39.7	6.1	75.3	2.6	2.6	3.3	2.0	-	5.2
2005	17.1	17.4	27.5	43.5	9.5	80.4	2.6	2.6	2.5	1.8	-	4.2
2006	17.7	18.0	26.8	45.7	3.4	75.9	2.5	2.5	1.9	1.5	-	3.4
2007	17.4	17.6	26.7	45.4	3.8	75.9	2.4	2.4	1.6	1.3	-	2.9
2008	16.6	16.9	25.4	48.1	4.2	77.7	2.0	2.0	1.1	1.1	-	2.2
2009	14.0	14.3	25.8	49.8	3.4	79.0	1.7	1.7	1.0	1.1	-	2.1
2010	11.7	11.9	23.1	54.5	4.2	81.9	1.3	1.3	0.7	1.2	-	1.9
2011	10.8	11.1	19.5	57.6	4.2	81.3	1.2	1.2	0.5	1.1	-	1.6
2012	9.2	9.5	17.4	60.3	4.0	81.7	1.0	1.0	0.5	1.0	-	1.5
2013	7.6	7.9	16.5	59.3	3.5	79.3	0.9	0.9	0.4	1.0	-	1.4
2014	5.5	5.7	14.6	62.0	2.1	78.8	0.7	0.7	0.3	0.9	-	1.2
2015	6.8	6.8	14.1	63.5	2.8	80.3	0.9	0.9	0.2	0.8	-	1.1
2016	6.7	6.7	13.9	64.6	3.1	81.6	0.9	0.9	0.2	0.8	-	1.0
2017	6.7	6.8	13.4	65.0	2.6	81.0	0.9	0.9	0.2	0.6	-	0.8
2018												
January	6.3	6.3	12.5	62.1	2.7	77.3	0.8	0.8	0.2	0.5	-	0.7
February	6.5	6.5	13.3	64.9	3.3	81.4	0.9	0.9	0.2	0.5	-	0.7
March	6.8	6.8	13.7	65.8	3.4	82.8	0.9	0.9	0.2	0.5	-	0.7
April	6.8	6.8	13.9	65.9	2.8	82.6	0.9	0.9	0.2	0.5	-	0.7
May	6.9	7.0	13.8	67.6	2.8	84.1	0.9	0.9	0.2	0.6	-	0.7
June	7.2	7.2	13.8	67.8	3.0	84.5	0.9	0.9	0.2	0.6	-	0.7
July	7.1	7.1	13.6	65.6	3.6	82.8	0.9	0.9	0.2	0.6	-	0.7
August	7.2	7.2	14.0	67.5	3.2	84.7	1.0	1.0	0.2	0.6	-	0.7
September	7.0	7.0	13.6	65.3	2.7	81.7	0.9	0.9	0.1	0.5	-	0.7
October	7.1	7.1	13.5	66.1	2.3	81.9	0.9	0.9	0.1	0.5	-	0.6
November	6.9	6.9	13.2	65.5	2.3	81.0	0.9	0.9	0.1	0.5	-	0.6
December	6.9	6.9	13.2	64.4	2.7	80.2	0.9	0.9	0.1	0.4	-	0.6
2018	6.9	6.9	13.5	65.7	2.9	82.1	0.9	0.9	0.2	0.5	-	0.7
2019												
January	6.5	6.5	12.5	62.3	3.0	77.7	0.9	0.9	0.1	0.4	-	0.5
February	6.6	6.6	13.2	63.8	2.9	79.8	0.9	0.9	0.1	0.4	-	0.5
March	6.8	6.9	13.2	63.8	2.8	79.8	0.9	0.9	0.1	0.4	-	0.5
April	6.7	6.8	13.6	65.7	2.5	81.8	0.9	0.9	0.1	0.4	-	0.6
May	6.8	6.9	13.4	66.5	3.1	83.0	0.9	0.9	0.1	0.5	-	0.6
June	7.0	7.0	13.5	67.2	R2.9	R83.6	0.9	0.9	0.1	0.5	-	0.6
July	6.9	6.9	13.2	66.1	2.3	81.6	0.9	0.9	0.1	0.5	-	0.6

See footnotes at end of table.

Table 11. U.S. refiner reformulated motor gasoline volumes by grade and sales type (cont.)

million gallons per day

Year month	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total
1994	0.2	0.2	1.2	0.5	0.2	1.9	1.0	1.0	4.0	2.4	0.8	7.2
1995	3.1	3.2	12.0	W	W	18.9	14.0	14.4	40.1	25.9	6.6	72.6
1996	3.1	3.2	11.7	5.3	1.5	18.6	17.0	17.6	45.7	29.2	9.6	84.5
1997	3.4	3.5	11.5	5.3	1.5	18.2	20.3	21.0	47.4	30.1	9.1	86.6
1998	3.8	3.9	12.2	W	1.6	19.8	21.8	22.2	48.2	32.0	9.9	90.1
1999	3.4	3.5	11.4	6.3	1.9	19.6	21.5	22.0	48.2	35.6	11.5	95.2
2000	3.0	3.1	9.6	5.4	1.9	16.8	21.9	22.4	47.9	37.0	10.4	95.2
2001	3.2	3.2	9.2	5.4	1.1	15.7	22.7	23.3	47.7	37.6	10.0	95.3
2002	3.4	3.5	9.5	5.6	1.1	16.3	23.6	24.1	48.2	38.0	9.3	95.6
2003	3.5	3.6	8.5	5.9	1.0	15.3	24.2	24.7	43.5	43.0	8.6	95.1
2004	3.1	3.1	7.4	6.0	0.6	14.1	21.9	22.3	40.2	47.7	6.7	94.6
2005	2.8	2.8	6.5	6.0	1.2	13.6	22.6	22.9	36.4	51.2	10.6	98.3
2006	2.7	2.7	5.9	5.9	0.7	12.5	22.9	23.2	34.6	53.1	4.1	91.8
2007	2.6	2.7	5.8	5.9	0.4	12.1	22.4	22.7	34.0	52.6	4.3	90.9
2008	2.4	2.4	5.0	5.4	0.4	10.8	21.0	21.3	31.5	54.6	4.6	90.8
2009	2.3	2.3	5.3	6.1	0.3	11.8	17.9	18.3	32.1	57.1	3.7	92.9
2010	1.9	1.9	4.9	7.4	0.4	12.7	14.9	15.2	28.8	63.1	4.7	96.5
2011	1.7	1.7	3.9	7.7	0.2	11.8	13.7	13.9	23.9	66.4	4.4	94.7
2012	1.5	1.5	3.5	8.4	0.3	12.1	11.7	12.0	21.4	69.7	4.3	95.4
2013	1.4	1.4	3.5	8.7	0.2	12.4	9.9	10.2	20.5	69.0	3.7	93.1
2014	1.2	1.2	3.5	9.4	0.2	13.0	7.5	7.7	18.4	72.3	2.3	93.0
2015	1.5	1.5	3.8	10.4	0.2	14.4	9.2	9.2	18.1	74.7	3.0	95.8
2016	1.6	1.6	4.1	11.1	0.3	15.5	9.2	9.2	18.2	76.5	3.4	98.1
2017	1.5	1.5	4.1	11.2	0.4	15.7	9.2	9.2	17.6	76.9	3.0	97.5
2018												
January	1.3	1.3	3.8	10.4	0.3	14.5	8.4	8.5	16.4	73.1	3.1	92.5
February	1.4	1.4	3.9	10.8	0.4	15.2	8.7	8.7	17.4	76.3	3.6	97.3
March	1.5	1.5	3.9	11.2	0.4	15.5	9.2	9.2	17.8	77.5	3.8	99.0
April	1.4	1.4	4.1	11.1	0.4	15.7	9.1	9.1	18.2	77.6	3.2	99.0
May	1.5	1.5	4.0	11.5	0.3	15.8	9.3	9.4	17.9	79.6	3.1	100.6
June	1.5	1.5	4.0	11.4	0.4	15.7	9.6	9.7	17.9	79.7	3.3	100.9
July	1.5	1.5	4.0	11.1	0.4	15.5	9.5	9.5	17.8	77.2	4.0	99.0
August	1.6	1.6	4.1	11.4	0.4	15.9	9.7	9.7	18.2	79.4	3.6	101.3
September	1.5	1.5	4.0	11.1	0.4	15.6	9.4	9.5	17.8	76.9	3.1	97.9
October	1.5	1.5	3.9	11.0	0.5	15.4	9.5	9.5	17.6	77.5	2.7	97.9
November	1.5	1.5	3.9	11.1	0.3	15.3	9.2	9.3	17.3	77.1	2.6	97.0
December	1.5	1.5	4.0	11.1	0.4	15.5	9.3	9.3	17.3	75.9	3.1	96.3
2018	1.5	1.5	4.0	11.1	0.4	15.5	9.3	9.3	17.6	77.3	3.3	98.2
2019												
January	1.5	1.5	3.8	10.6	0.4	14.8	8.8	8.9	16.4	73.3	3.4	93.0
February	1.5	1.5	3.9	11.1	0.5	15.5	9.0	9.0	17.2	75.3	3.4	95.9
March	1.6	1.6	3.9	11.0	0.4	15.3	9.3	9.3	17.2	75.2	3.2	95.6
April	1.4	1.4	3.9	11.2	0.4	15.5	9.1	9.1	17.6	77.4	2.9	97.8
May	1.4	1.5	3.8	11.4	0.3	15.5	9.2	9.2	17.3	78.4	3.4	99.1
June	1.5	1.5	3.9	11.6	0.4	16.0	9.4	9.5	17.6	79.3	R3.3	R100.2
July	1.5	1.5	3.8	11.5	0.4	15.7	9.3	9.4	17.1	78.0	2.7	97.9

NA = Not available.

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2018 are final. Totals may not equal the sum of the components due to rounding.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners' Gas Plant Operators' Monthly Petroleum Product Sales Report.

Table 16. U.S. refiner residual fuel oil prices

dollars per gallon excluding taxes

Year month	Sulfur less than or equal to 1%		Sulfur greater than 1%		Average	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
1994	0.401	0.345	0.330	0.287	0.352	0.317
1995	0.436	0.383	0.377	0.338	0.392	0.363
1996	0.526	0.456	0.433	0.389	0.455	0.420
1997	0.488	0.415	0.403	0.366	0.423	0.387
1998	0.354	0.299	0.287	0.269	0.305	0.280
1999	0.405	0.382	0.362	0.329	0.374	0.354
2000	0.708	0.627	0.566	0.512	0.602	0.566
2001	0.642	0.523	0.492	0.428	0.531	0.476
2002	0.640	0.546	0.544	0.508	0.569	0.530
2003	0.804	0.728	0.651	0.588	0.698	0.661
2004	0.835	0.764	0.692	0.601	0.739	0.681
2005	1.168	1.115	0.974	0.842	1.048	0.971
2006	1.342	1.202	1.173	1.085	1.218	1.136
2007	1.436	1.406	1.350	1.314	1.374	1.350
2008	2.144	1.918	1.889	1.843	1.964	1.866
2009	1.413	1.337	1.306	1.344	1.341	1.342
2010	1.920	1.756	1.619	1.679	1.713	1.697
2011	2.736	2.389	2.257	2.316	2.401	2.336
2012	3.025	2.548	2.433	2.429	2.592	2.457
2013	2.883	2.363	2.353	2.249	2.482	2.278
2014	2.694	2.153	2.221	1.996	2.325	2.044
2015	1.529	0.971	1.227	0.999	1.285	0.996
2016	1.138	0.736	0.897	0.746	0.945	0.745
2017	W	1.112	1.237	1.117	1.287	1.116
2018						
January	W	1.301	1.476	1.311	1.507	1.310
February	W	1.221	1.415	1.325	1.490	1.319
March	W	1.227	1.386	1.306	1.452	1.302
April	W	1.311	1.438	1.349	1.504	1.348
May	W	1.462	1.615	1.501	1.667	1.500
June	W	1.487	1.643	1.558	1.731	1.553
July	W	1.543	1.709	1.583	1.767	1.581
August	W	1.499	1.680	1.552	1.764	1.549
September	W	1.520	1.696	1.561	1.761	1.560
October	W	1.620	1.816	1.703	1.875	1.700
November	W	1.360	1.731	1.562	1.827	1.556
December	W	1.252	1.467	1.295	1.608	1.293
2018	W	1.397	1.587	1.466	1.662	1.463
2019						
January	W	1.626	1.417	1.326	1.425	1.357
February	W	1.808	1.553	1.458	1.568	1.508
March	W	W	1.606	1.542	1.639	1.581
April	W	W	1.648	1.549	1.685	1.577
May	W	W	1.607	1.502	1.635	1.505
June	W	W	1.527	1.367	1.601	1.372
July	W	1.455	1.572	1.492	1.625	1.489

NA = Not available.

R = Revised data.

Notes: - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2018 are final.

Sources: U.S. Energy Information Administration Form EIA-782A, *Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report*.

Table 17. U.S. refiner residual fuel oil volumes

million gallons per day

Year month	Sulfur less than or equal to 1%		Sulfur greater than 1%		Total	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
1994	4.2	6.6	9.3	6.2	13.5	12.8
1995	2.9	7.7	8.7	5.9	11.6	13.6
1996	3.1	6.3	9.8	7.4	12.9	13.8
1997	3.2	4.8	10.3	6.7	13.4	11.5
1998	3.9	5.7	10.5	9.6	14.4	15.4
1999	3.9	5.3	10.0	6.2	13.9	11.5
2000	3.3	4.9	9.8	5.6	13.1	10.5
2001	3.8	5.2	11.0	5.1	14.8	10.3
2002	2.7	5.1	7.8	3.7	10.4	8.8
2003	3.3	3.5	7.4	3.2	10.7	6.7
2004	3.4	2.9	6.8	3.0	10.2	5.9
2005	4.0	2.2	6.4	2.5	10.4	4.7
2006	2.8	2.8	7.6	3.6	10.4	6.5
2007	3.1	3.2	7.8	5.0	10.9	8.2
2008	2.5	2.9	5.9	6.6	8.4	9.5
2009	2.8	2.9	5.7	6.9	8.5	9.8
2010	2.4	2.6	5.2	8.1	7.6	10.7
2011	1.9	3.4	4.5	8.8	6.4	12.2
2012	1.5	2.1	4.0	6.8	5.5	8.8
2013	1.3	2.3	3.9	6.7	5.2	9.0
2014	1.0	2.4	3.6	5.6	4.6	8.0
2015	0.8	0.9	3.3	7.1	4.0	8.1
2016	0.8	0.8	3.3	7.6	4.2	8.4
2017	W	0.5	W	6.6	4.0	7.1
2018						
January	W	0.4	W	8.5	3.7	8.9
February	W	0.4	W	7.2	3.6	7.7
March	W	0.4	W	7.0	3.6	7.4
April	W	0.3	W	6.7	3.5	7.0
May	W	0.4	W	8.0	3.2	8.4
June	W	0.6	W	7.4	3.0	8.1
July	W	0.5	W	6.8	3.5	7.3
August	W	0.5	W	7.1	3.2	7.6
September	W	0.2	W	7.6	3.6	7.8
October	W	0.2	W	7.0	3.8	7.3
November	W	0.2	W	6.5	3.4	6.7
December	W	0.5	W	6.8	3.5	7.3
2018	W	0.4	W	7.2	3.5	7.6
2019						
January	W	0.8	W	7.0	2.8	7.9
February	W	1.1	W	6.5	2.3	7.6
March	W	W	W	W	2.2	6.9
April	W	W	W	W	2.4	9.3
May	W	W	W	W	2.0	7.4
June	W	W	W	W	3.3	7.7
July	W	0.4	W	6.1	2.8	6.5

NA = Not available.

R = Revised data.

Notes: - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2018 are final. Totals may not equal the sum of the components due to rounding.

Sources: U.S. Energy Information Administration Form EIA-782A, *Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report*.

Figure 7. U.S. Refiner residual fuel oil prices



Source: U.S. Energy Information Administration, Form EIA-782A, *Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report*.

Crude Oil Prices

Table 18. Domestic crude oil first purchase prices

dollars per barrel

Year month	U.S. Average		PAD District 1				PAD District 2						
	U.S. Average	Less AK North Slope	Average	NY	PA	WV	Average	IL	IN	KS	KY	MI	NE
1997	17.23	17.92	19.25	18.49	18.79	17.56	18.60	19.11	18.73	18.63	17.97	18.75	18.10
1998	10.87	11.51	13.21	13.66	13.67	11.95	12.29	12.78	12.49	12.19	11.67	12.39	11.50
1999	15.56	16.38	17.36	18.65	18.49	16.46	17.27	17.37	17.31	17.08	16.68	16.63	17.21
2000	26.72	27.48	28.12	28.78	28.80	27.12	28.49	28.14	27.91	28.16	26.47	28.12	27.97
2001	21.84	22.77	23.98	24.19	24.82	22.35	23.95	23.76	23.46	23.56	22.53	22.69	23.67
2002	22.51	23.33	23.94	24.28	24.86	22.55	24.05	23.84	23.43	23.61	22.49	23.68	23.62
2003	27.56	28.47	29.12	28.91	29.60	28.06	29.24	29.10	28.38	28.68	27.21	29.18	28.63
2004	36.77	37.63	39.08	39.40	39.48	38.38	39.40	38.74	38.18	39.18	36.82	39.14	38.42
2005	50.28	51.02	53.84	54.64	54.57	53.75	53.33	51.20	51.02	53.41	49.45	53.67	52.38
2006	59.69	60.22	63.99	63.51	64.02	63.07	60.48	59.70	59.31	60.74	58.33	60.89	57.77
2007	66.52	67.04	69.00	69.46	70.00	67.27	67.16	65.66	65.47	66.85	63.60	66.87	62.78
2008	94.04	94.72	96.60	W	96.76	95.07	92.51	93.48	91.92	92.08	90.87	95.75	87.99
2009	56.35	56.65	56.56	W	56.96	55.77	55.00	55.47	55.65	54.41	55.24	56.39	50.93
2010	74.71	75.04	71.74	W	69.80	70.74	72.45	73.18	72.82	72.43	70.63	74.91	69.65
2011	95.73	95.35	90.77	W	87.16	86.56	89.38	88.73	88.15	88.52	86.00	92.40	85.48
2012	94.52	94.11	91.19	W	88.41	87.16	86.29	88.74	88.62	87.85	87.02	90.91	84.95
2013	95.99	96.00	92.45	W	89.84	91.26	91.64	92.94	93.04	91.85	91.17	96.50	87.44
2014	87.39	87.45	82.20	W	80.07	82.46	85.01	87.66	87.88	86.80	86.61	89.46	82.82
2015	44.39	44.58	37.65	W	38.98	33.72	42.44	43.97	44.51	43.16	45.38	45.38	40.10
2016	38.29	38.64	34.88	W	38.50	31.11	37.62	38.85	38.97	37.87	39.95	43.07	36.22
2017	48.05	48.23	44.96	W	45.93	43.34	47.39	47.02	46.76	45.95	47.33	51.51	44.33
2018													
January	62.25	62.38	57.79	W	57.76	55.46	61.44	59.93	59.72	59.00	60.42	64.33	57.40
February	61.18	61.36	56.69	W	56.82	54.52	59.67	58.47	58.26	57.64	58.91	62.81	56.04
March	60.68	60.82	57.27	W	57.73	55.69	59.65	59.18	58.89	58.35	59.75	63.48	56.78
April	63.50	63.58	60.40	W	61.22	58.72	63.04	62.62	62.27	61.75	62.83	67.51	60.07
May	66.16	66.14	64.27	W	65.17	62.09	66.36	66.19	65.96	65.35	66.52	70.94	63.82
June	62.80	62.70	62.48	W	62.30	60.46	63.75	63.75	63.46	62.73	63.99	68.40	61.12
July	67.00	66.96	66.20	W	65.40	63.59	68.09	67.27	67.03	66.47	67.66	71.55	64.67
August	62.64	62.49	61.95	W	62.18	60.36	65.82	64.25	64.03	63.74	64.66	68.89	61.78
September	63.54	63.20	64.38	W	64.32	62.46	67.31	66.57	66.24	65.75	66.85	71.17	63.95
October	65.18	64.92	65.27	W	64.94	63.33	67.58	67.11	66.84	66.29	67.52	70.37	64.63
November	55.65	55.57	52.11	W	51.17	50.13	52.46	53.30	53.14	52.46	54.58	56.28	50.76
December	47.63	47.47	43.98	W	43.42	41.67	40.58	45.30	45.10	44.30	45.45	48.47	42.05
2018	61.40	61.35	59.41	W	59.52	57.30	61.15	61.24	60.98	60.45	61.84	65.51	58.61
2019													
January	47.85	47.51	46.09	W	45.91	43.93	46.08	48.07	47.82	46.96	48.30	50.98	44.76
February	52.51	52.22	49.49	W	49.40	47.13	51.86	51.68	51.35	50.52	51.72	54.39	48.29
March	57.47	57.30	52.74	W	52.25	49.93	54.91	54.69	54.41	53.55	54.84	57.44	51.56
April	63.01	62.95	58.23	W	58.22	55.38	60.99	60.39	60.11	59.24	60.49	63.23	57.32
May	59.68	59.50	55.96	W	55.50	53.64	57.66	57.40	57.19	56.52	57.64	60.18	54.59
June	54.22	54.08	49.61	W	49.53	46.60	51.56	54.56	56.78	50.40	53.48	54.15	48.31
July	56.43	56.35	52.84	W	52.64	50.37	54.01	52.62	51.59	53.00	53.95	56.86	50.99

See footnotes at end of table.

Table 18. Domestic crude oil first purchase prices (cont.)

dollars per barrel

Year month	PAD District 2 (cont.)				PAD District 3							Federal
	ND	OH	OK	SD	Average	AL	AR	LA	MS	NM	TX	Offshore Gulf
1997	17.63	17.77	19.05	17.80	18.69	18.58	17.58	19.22	16.94	19.02	18.66	18.63
1998	11.39	12.20	12.73	12.29	12.19	12.08	11.10	12.59	10.33	12.36	12.28	12.03
1999	16.70	16.41	17.77	16.86	17.07	16.71	15.89	17.73	15.42	17.46	17.29	16.66
2000	28.19	27.49	29.08	28.18	28.22	27.63	26.98	29.03	26.23	28.80	28.60	27.59
2001	23.55	22.55	24.68	23.89	23.43	23.18	21.82	24.51	21.13	23.72	23.41	23.29
2002	24.15	22.61	24.49	23.96	23.74	23.39	21.50	24.84	22.11	24.11	23.77	23.49
2003	29.27	28.18	29.72	28.94	29.08	28.97	26.57	30.52	27.46	29.52	29.13	28.72
2004	39.30	38.27	39.95	38.40	38.41	38.79	36.67	40.48	37.03	39.25	38.79	37.07
2005	52.38	53.47	54.46	50.65	51.96	53.26	50.86	54.05	49.58	52.84	52.61	49.78
2006	56.69	62.89	63.11	51.85	61.49	63.16	58.67	64.23	59.35	61.74	61.31	60.80
2007	65.30	68.09	69.31	62.78	68.37	71.10	64.25	71.63	68.65	68.94	68.30	67.40
2008	88.68	96.43	96.15	87.42	97.64	96.71	90.91	100.89	94.60	96.23	96.85	99.10
2009	53.75	56.35	56.56	50.75	57.77	55.25	53.07	59.18	58.29	57.08	57.40	58.22
2010	70.26	73.68	75.18	69.04	76.57	75.54	71.01	78.25	76.41	75.64	76.23	77.06
2011	88.74	90.79	90.94	87.08	96.79	105.99	87.61	106.20	100.43	90.93	91.99	105.65
2012	84.06	92.87	89.97	83.10	96.11	104.81	89.39	105.97	100.80	88.01	92.50	105.95
2013	90.22	94.89	94.25	89.28	97.53	103.10	92.98	105.18	100.44	92.13	95.80	103.29
2014	82.89	83.95	89.25	82.78	88.43	89.73	85.23	94.13	90.81	83.44	87.02	93.33
2015	41.42	38.40	44.96	42.73	45.61	44.55	43.04	48.43	46.81	44.40	44.95	47.67
2016	36.51	37.04	39.51	36.39	39.19	38.53	37.21	41.08	39.18	39.18	39.35	38.63
2017	47.04	46.14	48.41	45.60	48.50	48.34	44.60	50.37	48.06	47.90	48.57	48.46
2018												
January	61.75	59.25	61.50	59.18	62.57	63.85	57.22	65.57	63.42	61.57	62.87	61.88
February	59.65	58.01	60.22	57.96	61.89	62.04	55.97	63.51	61.25	60.85	61.78	62.60
March	58.98	58.65	61.01	58.64	61.07	60.42	56.82	62.69	60.29	60.51	61.22	60.85
April	62.48	62.01	64.37	61.65	63.53	63.69	59.74	65.82	63.41	62.86	63.84	62.81
May	65.72	65.45	67.83	65.31	65.64	67.75	62.52	69.99	67.39	63.02	65.38	67.34
June	63.01	62.82	65.35	62.37	61.79	66.92	59.79	68.65	66.31	55.59	60.18	68.51
July	67.85	66.20	69.08	66.09	66.33	73.20	64.46	74.52	72.38	60.02	65.14	71.30
August	65.31	62.95	67.58	64.32	61.08	66.46	61.44	68.81	66.25	54.43	59.40	67.61
September	66.76	65.10	68.91	64.57	61.32	70.34	63.86	71.80	69.46	52.97	59.54	69.46
October	67.14	65.85	68.92	64.92	63.33	72.92	65.67	74.03	72.26	54.87	61.44	71.93
November	51.24	52.20	54.95	49.68	56.19	59.77	51.81	60.82	59.35	48.55	52.93	67.76
December	37.06	44.18	46.74	38.89	49.25	51.44	43.90	52.47	51.20	43.59	46.59	58.94
2018	60.27	60.61	62.95	59.55	61.04	64.93	58.69	66.65	64.39	56.06	59.91	65.97
2019												
January	44.49	46.91	49.02	43.67	47.40	52.73	46.47	53.89	52.65	41.85	45.82	54.13
February	51.76	50.40	52.40	49.40	51.73	56.14	50.06	57.44	56.24	47.93	50.77	56.33
March	54.84	53.41	55.40	51.94	57.67	60.19	52.83	61.24	60.19	54.90	56.82	61.22
April	61.16	58.88	61.17	58.29	63.29	66.01	58.27	67.13	65.72	60.16	62.65	66.35
May	57.34	56.11	58.63	55.72	59.63	62.18	55.49	63.60	62.10	55.39	58.43	65.08
June	51.16	49.99	52.39	49.29	54.49	57.19	49.55	58.67	57.20	49.26	52.64	62.54
July	53.71	52.55	54.99	51.86	56.75	59.09	51.91	60.47	59.03	53.94	56.20	60.27

See footnotes at end of table.

Table 18. Domestic crude oil first purchase prices (cont.)

dollars per barrel

Year month	PAD District 4					PAD District 5				
	Average	CO	MT	UT	WY	Average	AK North Slope	AK Other	CA	Federal Offshore CA
1997	17.80	19.03	17.00	18.57	17.41	15.06	14.84	17.43	15.78	12.97
1998	11.38	12.56	11.28	12.52	10.70	8.80	8.47	11.55	9.55	6.99
1999	16.79	17.37	16.54	17.69	16.47	13.10	12.46	17.44	14.08	11.78
2000	27.60	28.85	27.82	28.53	26.89	24.16	23.62	28.23	24.82	23.32
2001	22.73	24.82	23.16	24.09	21.55	19.03	18.18	23.30	20.11	18.38
2002	23.01	25.29	22.76	23.87	21.96	20.39	19.37	24.47	21.87	19.03
2003	28.09	30.71	28.66	28.88	26.63	24.97	23.78	28.48	26.43	24.25
2004	37.34	40.38	38.53	39.35	35.10	33.69	33.03	38.76	34.47	32.23
2005	50.65	55.34	52.66	53.98	45.63	47.03	47.05	54.19	47.08	43.48
2006	57.38	63.80	56.69	59.70	53.25	57.03	56.86	64.10	57.34	53.37
2007	62.54	67.04	64.64	62.48	58.34	64.24	63.69	69.60	65.07	59.39
2008	88.23	90.80	89.96	86.58	86.07	90.16	90.10	95.04	90.47	85.68
2009	52.16	52.33	52.96	50.22	52.30	55.23	54.41	W	56.11	53.59
2010	69.72	72.75	70.24	68.09	68.10	73.29	72.33	W	74.51	69.80
2011	85.64	88.26	88.61	82.53	83.45	100.39	98.79	W	102.50	96.01
2012	82.91	85.78	82.98	82.73	80.70	101.33	98.70	W	104.10	97.04
2013	87.16	90.10	88.73	84.79	85.30	99.08	95.79	W	102.53	91.40
2014	80.92	82.48	80.54	79.04	80.54	89.30	86.41	W	92.14	80.55
2015	40.58	40.51	40.38	40.69	40.64	43.58	41.11	W	45.63	37.62
2016	36.68	37.81	35.40	36.92	35.98	35.68	33.13	W	37.96	W
2017	45.94	46.41	44.89	44.24	46.63	47.44	45.21	W	49.54	W
2018										
January	58.46	58.71	58.60	56.49	59.06	63.33	60.38	W	66.66	W
February	57.20	57.57	57.02	55.27	57.84	61.00	58.55	W	63.89	W
March	57.73	57.93	57.01	56.65	58.24	61.13	58.55	W	64.23	W
April	61.00	61.36	60.76	59.27	61.50	65.09	62.27	W	68.19	W
May	64.46	64.72	64.02	61.55	65.61	69.57	66.50	W	73.12	W
June	61.85	62.43	61.20	58.87	62.84	67.96	64.42	W	71.66	W
July	65.25	65.53	66.34	61.19	66.86	70.55	67.92	W	72.78	W
August	63.18	63.52	63.19	59.12	64.46	67.57	65.76	W	69.34	W
September	64.13	65.30	63.50	60.89	64.50	71.62	69.75	W	73.67	W
October	64.52	65.71	63.65	61.59	64.62	72.87	69.68	W	76.27	W
November	50.61	52.37	46.26	51.79	48.58	59.75	57.00	W	62.96	W
December	40.22	43.98	32.39	40.76	36.51	52.07	50.12	W	54.45	W
2018	59.05	59.87	58.03	56.85	59.35	65.03	62.21	W	68.12	W
2019										
January	44.32	45.47	42.10	43.26	43.85	55.24	53.34	W	57.72	W
February	49.04	48.83	49.85	46.26	50.28	59.73	56.99	W	63.29	W
March	51.87	51.84	52.56	47.97	53.26	62.44	60.17	W	65.34	W
April	58.16	58.06	58.11	54.70	59.70	66.53	63.91	W	69.74	W
May	54.70	54.57	54.65	50.87	56.36	65.13	62.64	W	68.42	W
June	48.69	48.59	48.18	47.75	49.33	58.91	56.56	W	61.87	W
July	51.46	51.45	51.12	48.43	52.41	60.32	57.87	W	63.17	W

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

Notes: - In November 2018, a new crude stream was added and a selected crude stream was deleted for North Dakota. In January 2004, new crude streams were added and selected crude streams were discontinued for California, Gulf Coast, Oklahoma, and Texas. - The actual domestic average price represents the average price at the lease (or wellhead) at which domestic crude oil is purchased. - Values shown for the current month are preliminary. Values shown for the previous month may be revised. Data through 2018 are final.

Sources: U.S. Energy Information Administration Form EIA-182, *Domestic Crude Oil First Purchase Report*.

Table 19. Domestic crude oil first purchase prices for selected crude streams

dollars per barrel

Year month	Alaska North Slope	California Kern River	California Midway-Sunset	Heavy Louisiana Sweet	Louisiana Light Sweet	Mars Blend	West Texas Intermediate	West Texas Sour	Wyoming Sweet
1997	14.84	15.02	14.88	-	-	-	19.27	17.77	-
1998	8.47	8.59	8.48	-	-	-	12.89	11.50	-
1999	12.46	14.02	12.22	-	-	-	17.78	16.66	-
2000	23.62	23.88	23.56	-	-	-	29.16	27.66	-
2001	18.18	19.03	19.50	-	-	-	24.62	22.10	-
2002	19.37	19.80	22.81	-	-	-	24.33	23.23	-
2003	23.78	25.24	26.67	-	-	-	29.60	28.18	30.11
2004	33.03	33.42	33.74	37.78	40.24	34.53	39.55	37.29	39.52
2005	47.05	44.67	45.93	51.61	51.95	46.13	53.90	50.72	53.94
2006	56.86	55.05	54.59	63.41	64.04	57.35	63.16	59.03	60.52
2007	63.69	62.14	61.62	70.00	72.93	63.37	69.59	65.56	64.79
2008	90.10	87.27	86.92	103.96	104.51	93.40	97.39	95.31	89.30
2009	54.41	53.94	53.00	58.61	61.26	57.21	57.27	56.63	51.68
2010	72.33	72.80	72.26	78.16	79.28	75.43	76.63	75.03	70.43
2011	98.79	103.14	100.96	106.74	108.48	105.30	92.18	90.77	87.42
2012	98.70	103.41	103.05	106.77	107.53	105.03	91.36	87.94	84.81
2013	95.79	101.33	101.02	105.73	106.32	100.80	95.26	92.51	90.10
2014	86.41	90.38	89.34	95.53	94.37	92.50	85.90	85.66	82.19
2015	41.11	44.71	43.81	47.83	47.91	46.27	44.58	45.78	41.77
2016	33.13	36.83	36.12	40.37	40.56	36.75	39.20	39.44	37.86
2017	45.21	48.33	48.04	50.27	49.52	46.89	48.50	48.25	47.80
2018									
January	60.38	W	65.50	65.56	64.79	60.92	62.31	61.81	60.77
February	58.55	W	62.39	64.20	62.96	61.01	61.65	60.57	59.97
March	58.55	W	63.02	62.74	61.42	59.01	61.26	59.87	60.36
April	62.27	W	66.84	66.31	64.53	61.13	63.51	63.08	63.33
May	66.50	W	71.58	70.60	68.53	66.02	64.38	63.04	66.74
June	64.42	W	70.21	69.52	67.74	66.96	58.10	56.17	63.95
July	67.92	W	71.30	74.47	74.25	69.89	62.70	60.71	68.17
August	65.76	W	68.14	68.71	67.92	65.96	57.09	55.20	65.75
September	69.75	W	72.66	72.26	71.04	68.04	56.48	53.38	66.02
October	69.68	75.65	75.09	74.66	74.59	71.58	58.15	56.03	66.18
November	57.00	62.12	61.52	64.08	61.60	65.37	50.96	48.80	50.84
December	50.12	53.48	53.03	56.89	53.38	55.95	44.95	46.61	38.09
2018	62.21	67.05	66.97	67.54	66.17	64.59	58.11	57.04	60.99
2019									
January	53.34	57.27	56.39	55.51	53.96	52.20	44.06	42.07	44.71
February	56.99	60.94	60.26	58.99	57.25	55.07	49.30	48.35	50.96
March	60.17	64.49	63.76	63.07	61.69	60.36	55.72	55.59	53.86
April	63.91	69.17	68.24	68.56	67.22	65.55	61.60	61.41	60.36
May	62.64	68.22	67.26	65.70	63.60	64.07	57.49	56.74	56.88
June	56.56	61.31	60.16	61.02	59.18	60.54	51.59	50.48	50.22
July	57.87	62.73	61.55	62.53	60.72	59.13	55.43	54.68	53.20

- = No data reported.

R = Revised data.

Notes: - In November 2018, a new crude stream was added and a selected crude stream was deleted for North Dakota. In January 2004, new crude streams were added and selected crude streams were discontinued for California, Gulf Coast, Oklahoma, and Texas. - Values shown for the current month are preliminary. Values shown for the previous month may be revised. Data through 2018 are final.

Sources: U.S. Energy Information Administration, Form EIA-182, *Domestic Crude Oil First Purchase Report*.

Table 20. Domestic crude oil first purchase prices by API gravity

dollars per barrel

Year month	20.0 or less	20.1 to 25.0	25.1 to 30.0	30.1 to 35.0	35.1 to 40.0	40.1 or greater
1997	15.44	16.27	14.87	18.38	18.62	19.26
1998	9.22	9.62	8.50	12.03	12.17	12.80
1999	14.00	15.30	12.50	16.92	17.18	17.64
2000	24.42	25.64	23.64	28.10	28.36	29.09
2001	19.53	19.59	18.18	23.31	23.99	24.43
2002	21.08	20.80	19.39	23.62	23.94	24.26
2003	25.82	25.56	23.80	28.77	29.21	29.66
2004	33.38	35.02	33.21	37.24	39.33	39.97
2005	45.01	46.33	47.09	50.81	53.14	54.06
2006	54.96	57.89	56.18	60.78	61.83	61.86
2007	62.00	64.94	62.83	67.14	69.29	69.17
2008	87.10	91.01	89.55	98.41	96.69	94.95
2009	54.05	55.66	54.30	57.66	56.93	56.66
2010	72.40	75.04	71.78	76.22	76.03	74.48
2011	101.30	103.07	97.12	99.65	94.54	91.87
2012	102.79	101.56	96.64	98.48	93.12	91.01
2013	99.40	100.70	94.13	99.11	96.24	94.76
2014	87.83	91.05	85.48	90.95	86.56	86.12
2015	43.88	45.71	40.73	46.82	44.67	43.65
2016	36.87	38.52	32.94	38.95	39.33	38.25
2017	48.74	49.77	45.08	48.40	48.64	48.44
2018						
January	66.17	66.46	60.05	62.38	62.47	63.07
February	62.89	63.48	58.18	61.52	61.70	61.30
March	63.44	64.34	58.17	60.30	61.35	60.69
April	67.34	67.64	61.91	63.23	63.78	63.74
May	72.16	71.97	66.28	66.19	65.06	66.58
June	70.88	70.43	64.18	63.35	59.38	63.23
July	72.00	72.24	67.59	67.62	63.90	68.35
August	68.66	68.70	65.42	62.83	58.61	63.76
September	73.09	72.27	69.25	63.74	58.26	65.14
October	75.76	75.18	69.22	66.28	59.85	66.45
November	62.33	61.42	56.41	59.04	51.61	53.90
December	53.77	52.74	49.57	52.45	45.09	44.52
2018	67.45	67.25	61.83	62.35	58.97	61.59
2019						
January	57.16	57.06	52.95	49.43	44.72	47.45
February	61.16	60.50	56.72	53.51	49.94	52.75
March	64.70	64.14	59.90	59.43	56.00	57.23
April	69.29	68.82	63.69	64.81	61.82	63.13
May	68.10	68.18	62.42	61.75	57.82	59.13
June	61.37	60.74	56.25	56.81	51.94	53.38
July	62.78	62.42	57.57	58.01	55.58	56.35

R = Revised data.

Notes: - In November 2018, a new crude stream was added and a selected crude stream was deleted for North Dakota. In January 2004, new crude streams were added and selected crude streams were discontinued for California, Gulf Coast, Oklahoma, and Texas. - Values shown for the current month are preliminary. Values shown for the previous month may be revised. Data through 2018 are final.

Sources: U.S. Energy Information Administration, Form EIA-182, *Domestic Crude Oil First Purchase Report*.

Table 21. F.O.B.[a] costs of imported crude oil by selected country

dollars per barrel

Year month	Selected countries							Persian Gulf[b]	Total OPEC[c]	Non OPEC
	Angola	Colombia	Mexico	Nigeria	Saudi Arabia	United Kingdom	Venezuela			
1997	18.81	18.85	16.72	19.43	15.16	18.59	15.33	15.24	16.26	17.51
1998	12.11	12.56	10.49	12.97	8.87	12.52	9.31	9.09	10.20	11.21
1999	17.46	17.20	15.89	17.32	17.65	19.14	14.33	17.15	15.90	16.84
2000	27.90	29.04	25.39	28.70	24.62	27.21	24.45	24.72	25.56	26.77
2001	23.25	24.25	18.89	24.85	18.98	23.30	18.01	18.89	19.73	21.04
2002	24.09	24.64	21.60	25.38	23.92	24.50	20.13	23.38	22.18	22.93
2003	28.22	28.89	24.83	29.40	25.03	28.76	23.81	25.17	25.36	26.21
2004	37.26	37.73	31.55	38.71	34.08	37.30	31.78	33.08	33.95	33.58
2005	52.48	51.89	43.00	55.95	47.96	54.48	46.39	47.21	49.60	45.79
2006	62.23	59.77	52.91	65.69	56.09	66.03	55.80	56.02	59.18	55.35
2007	67.80	67.93	61.35	76.64	W	69.96	64.10	69.93	69.58	62.69
2008	95.66	91.17	84.61	102.06	93.03	96.33	88.06	91.44	93.15	87.15
2009	57.07	57.90	56.47	64.61	57.87	65.63	55.58	59.53	58.53	57.16
2010	78.18	72.56	72.46	80.83	76.44	W	70.30	75.65	75.23	73.24
2011	111.82	100.21	100.90	115.35	107.08	-	97.23	106.47	105.34	98.49
2012	111.23	106.43	101.84	114.51	106.65	-	100.15	105.45	104.39	95.71
2013	107.71	101.24	98.40	110.06	101.16	W	97.52	100.62	100.57	93.67
2014	W	80.75	86.55	W	95.60	-	84.51	94.03	89.76	82.95
2015	W	47.52	44.90	W	47.53	-	40.73	46.95	43.25	41.19
2016	42.68	35.28	36.22	46.20	39.30	W	34.71	38.76	38.51	34.81
2017	W	48.34	46.66	54.77	51.30	W	45.60	50.16	49.55	43.30
2018										
January	W	61.24	58.75	W	65.03	W	62.07	63.50	64.12	51.34
February	W	59.66	56.74	W	63.19	W	55.72	61.90	61.07	49.79
March	-	W	56.73	W	65.04	W	56.84	61.90	60.90	49.09
April	W	65.95	57.68	W	68.33	W	63.28	66.05	66.09	53.73
May	-	W	63.32	W	70.57	W	66.56	69.66	70.07	58.99
June	W	W	64.46	W	71.32	W	64.82	70.18	69.44	59.81
July	W	68.32	66.21	-	70.62	-	62.93	70.30	67.64	59.85
August	W	67.29	63.08	W	71.08	W	63.09	70.11	68.40	57.46
September	W	W	68.15	W	72.90	W	68.94	72.05	71.80	56.39
October	W	W	73.91	W	74.73	W	68.44	74.61	73.26	54.18
November	-	64.87	63.76	W	62.34	W	53.25	63.44	60.58	36.18
December	-	50.04	52.70	W	57.79	-	46.46	55.74	53.04	28.95
2018	74.44	62.51	62.75	71.41	68.23	71.65	61.25	66.55	65.61	51.41
2019										
January	-	53.27	54.81	W	W	W	48.38	58.54	55.22	46.13
February	-	56.59	58.52	W	W	W	W	62.58	63.09	51.47
March	-	61.28	60.66	W	67.34	W	-	65.62	65.95	55.66
April	-	67.09	63.13	W	70.60	70.45	-	68.89	70.54	59.56
May	W	65.40	62.16	70.81	W	69.74	-	66.11	67.97	59.17
June	W	61.09	58.76	W	W	W	-	63.54	64.66	51.68
July	-	W	59.26	W	W	-	-	62.87	63.86	52.88

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Free on Board. See Glossary.

[b] Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

[c] Includes Algeria, Angola (January 2007-present), Congo (Brazzaville) (June 2018-present), Ecuador (January 2008-present), Equatorial Guinea (May 2018-present), Gabon (July 2016-present), Indonesia (1997-2008 and January 2016-November 2016), Iran, Iraq, Kuwait, Libya, Nigeria, Qatar (1997-2018), Saudi Arabia, United Arab Emirates and Venezuela.

Notes: - Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail. - Values for the current 2 months are preliminary. Values shown for previous months may be revised. Data through 2018 are final.

Sources: U.S. Energy Information Administration Form EIA-856, *Monthly Foreign Crude Oil Acquisition Report*.

Table 22. Landed costs of imported crude oil by selected country

dollars per barrel

Year month	Selected countries								Persian Gulf[a]	Total OPEC[b]	Non OPEC
	Angola	Canada	Colombia	Mexico	Nigeria	Saudi Arabia	United Kingdom	Venezuela			
1997	20.24	17.63	19.71	17.30	20.64	17.52	20.64	16.35	17.44	17.73	18.45
1998	13.37	11.62	13.26	11.04	14.14	11.16	13.55	10.16	11.18	11.46	12.22
1999	18.37	17.54	18.09	16.12	17.63	17.48	18.26	15.58	17.37	16.94	17.51
2000	29.57	26.69	29.68	26.03	30.04	26.58	29.26	26.05	26.77	27.29	27.80
2001	25.13	20.72	25.88	19.37	26.55	20.98	25.32	19.81	20.73	21.52	22.17
2002	25.43	22.98	25.28	22.09	26.45	24.77	26.35	21.93	24.13	23.83	23.97
2003	30.14	26.76	30.55	25.48	31.07	27.50	30.62	25.70	27.54	27.70	27.68
2004	39.62	34.51	39.03	32.25	40.95	37.11	39.28	33.79	36.53	36.84	35.29
2005	54.31	44.73	53.42	43.47	57.55	50.31	55.28	47.87	49.68	51.36	47.31
2006	64.85	53.90	62.13	53.76	68.26	59.19	67.44	57.37	58.92	61.21	57.14
2007	71.27	60.38	70.91	62.31	78.01	70.78	72.47	66.13	69.83	71.14	63.96
2008	98.18	90.00	93.43	85.97	104.83	94.75	96.95	90.76	93.59	95.49	90.59
2009	61.32	57.60	58.50	57.35	68.01	62.14	63.87	57.78	62.15	61.90	58.58
2010	80.61	72.80	74.25	72.86	83.14	79.29	80.29	72.43	78.60	78.28	74.68
2011	114.05	89.92	102.57	101.21	116.43	108.83	118.45	100.14	108.01	107.84	98.64
2012	114.95	84.24	107.07	102.45	116.88	108.15	W	101.58	107.74	107.56	95.05
2013	110.81	84.41	103.00	99.06	112.87	102.60	111.23	99.34	102.53	102.98	91.99
2014	99.25	81.30	88.29	87.48	102.16	94.91	W	86.88	95.30	93.10	84.67
2015	51.73	41.99	49.53	45.51	54.70	49.78	W	42.87	49.43	47.44	44.09
2016	44.65	36.27	38.86	36.64	48.11	42.14	W	35.50	41.20	40.54	37.09
2017	54.17	44.93	50.60	47.73	56.48	52.56	56.11	47.02	51.42	51.26	46.67
2018											
January	66.55	51.17	63.25	59.86	69.15	64.81	W	62.79	63.83	64.78	54.69
February	W	48.27	62.55	57.37	69.60	65.30	68.19	55.98	63.21	62.93	53.05
March	70.27	47.01	63.59	56.99	70.59	66.77	W	57.72	63.72	63.53	51.07
April	W	52.22	66.34	58.62	W	69.44	73.82	63.62	67.09	66.95	56.32
May	W	58.19	70.63	64.03	79.38	71.28	W	67.45	70.85	71.50	61.72
June	76.28	58.57	70.64	65.38	W	72.17	72.88	65.81	71.49	70.65	62.95
July	75.55	59.00	71.20	66.82	W	72.56	-	63.67	71.62	70.54	62.54
August	75.45	56.78	68.79	64.18	W	72.85	72.41	64.12	71.64	70.48	60.79
September	75.83	52.35	73.88	69.79	W	72.56	W	70.73	72.26	72.45	58.76
October	W	47.96	74.22	74.76	W	73.75	W	69.31	72.24	72.19	57.15
November	-	28.06	66.20	64.52	68.03	65.87	W	55.70	64.99	63.30	38.56
December	-	21.62	54.71	53.89	62.21	60.39	W	48.93	58.67	57.11	30.89
2018	73.42	48.34	66.75	63.48	71.93	69.40	73.28	62.46	67.55	67.22	54.27
2019											
January	-	40.33	56.26	56.12	W	61.69	W	51.82	59.80	57.46	45.44
February	-	50.24	59.69	59.72	W	66.37	W	52.72	64.07	62.76	53.71
March	-	54.61	64.65	61.82	W	67.50	W	55.25	65.81	65.30	57.85
April	W	59.01	69.08	64.18	75.99	69.74	73.00	-	68.83	69.89	62.21
May	72.84	58.49	68.17	62.81	72.66	68.10	71.30	W	67.11	68.90	62.19
June	W	50.87	65.87	59.29	71.81	66.18	66.89	-	63.77	65.39	55.28
July	W	51.19	65.30	59.78	W	65.27	W	-	63.60	64.57	55.09

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

[b] Includes Algeria, Angola (January 2007-present), Congo (Brazzaville) (June 2018-present), Ecuador (January 2008-present), Equatorial Guinea (May 2018-present), Gabon (July 2016-present), Indonesia (1997-2008 and January 2016-November 2016), Iran, Iraq, Kuwait, Libya, Nigeria, Qatar (1997-2018), Saudi Arabia, United Arab Emirates and Venezuela.

Notes: - Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail. - Values for the current 2 months are preliminary. Values shown for previous months may be revised. Data through 2018 are final.

Sources: U.S. Energy Information Administration Form EIA-856, *Monthly Foreign Crude Oil Acquisition Report*.

Table 23. F.O.B.[a] costs of imported crude oil by API gravity

dollars per barrel

Year month	20.0 or less	20.1 to 25.0	25.1 to 30.0	30.1 to 35.0	35.1 to 40.0	40.1 to 45.0	45.1 or greater
1997	13.12	14.94	17.49	17.61	19.37	19.88	19.77
1998	7.00	8.95	10.77	11.73	12.91	13.12	12.92
1999	12.13	14.49	17.07	17.33	18.03	18.81	17.00
2000	21.81	23.75	26.49	27.09	28.77	29.55	29.89
2001	16.17	17.23	21.84	21.60	23.84	24.80	25.72
2002	18.78	20.51	23.48	24.20	24.92	25.20	25.16
2003	21.88	24.09	25.65	27.49	28.67	29.35	28.64
2004	28.95	30.53	33.65	35.57	38.51	39.90	39.26
2005	40.54	41.52	49.26	50.82	54.65	56.47	52.83
2006	50.19	51.62	58.25	60.27	64.36	66.43	64.85
2007	56.69	60.14	69.31	71.44	73.46	74.27	70.10
2008	81.25	83.07	96.68	94.56	98.17	102.32	100.20
2009	54.76	54.36	56.30	59.78	63.63	62.10	63.32
2010	69.51	69.72	76.73	77.48	79.45	79.43	81.04
2011	94.66	94.15	103.09	107.24	111.37	114.28	112.74
2012	96.07	94.35	104.28	103.99	106.59	110.99	119.48
2013	93.91	91.27	100.20	101.44	104.26	108.78	103.41
2014	82.40	80.16	92.53	93.77	94.26	99.49	W
2015	40.07	38.33	47.33	47.85	49.98	54.59	W
2016	34.05	32.66	38.81	40.61	42.86	48.63	46.94
2017	43.78	41.82	48.78	51.08	50.31	54.70	54.12
2018							
January	57.20	49.82	56.18	62.44	60.12	66.11	W
February	53.01	46.68	54.95	62.04	57.83	65.11	W
March	53.41	45.84	57.90	61.95	60.18	69.20	W
April	57.58	51.45	65.73	66.67	64.74	71.91	W
May	62.76	55.69	65.41	69.28	70.82	W	W
June	61.21	57.70	63.29	69.09	69.54	75.58	W
July	59.86	58.01	68.71	69.06	67.39	72.74	W
August	60.39	54.39	67.31	69.37	67.01	71.14	W
September	58.92	54.06	72.13	72.46	68.33	W	W
October	59.90	55.36	71.51	67.46	59.12	W	W
November	47.19	35.95	51.98	53.65	37.46	66.22	W
December	42.73	26.24	34.40	49.43	31.50	W	W
2018	56.23	49.53	62.26	64.43	58.85	70.85	W
2019							
January	48.25	42.98	50.46	55.65	47.02	57.38	W
February	53.25	50.48	58.00	59.15	52.95	W	W
March	55.51	53.31	60.10	64.17	57.03	W	W
April	59.61	57.29	62.14	66.71	65.05	71.65	W
May	59.94	57.95	61.84	65.13	61.31	68.69	W
June	50.57	49.96	55.28	61.38	57.76	65.30	W
July	53.15	51.39	58.89	60.55	54.81	W	-

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Free on Board. See Glossary

Notes: - Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail. - Values for the current 2 months are preliminary. Values shown for previous months may be revised. Data through 2018 are final.

Sources: U.S. Energy Information Administration, Form EIA-856, *Monthly Foreign Crude Oil Acquisition Report*.

Table 24. Landed costs of imported crude oil by API gravity

dollars per barrel

Year month	20.0 or less	20.1 to 25.0	25.1 to 30.0	30.1 to 35.0	35.1 to 40.0	40.1 to 45.0	45.1 or greater
1997	14.42	15.79	18.57	18.42	20.34	21.09	20.85
1998	8.19	9.73	11.81	12.31	13.73	14.40	14.38
1999	13.40	15.30	17.33	17.81	18.18	19.22	18.48
2000	23.49	24.71	27.60	27.91	29.99	30.37	31.10
2001	17.66	18.14	23.29	22.21	24.86	26.59	26.49
2002	20.59	21.33	24.40	24.91	25.73	26.49	25.96
2003	23.87	25.15	27.78	28.78	29.95	30.73	30.90
2004	30.96	31.92	35.99	37.94	39.82	41.25	41.59
2005	42.20	42.24	49.94	52.18	54.95	58.38	56.43
2006	51.84	52.62	59.38	61.88	64.80	68.44	66.78
2007	59.01	60.64	68.95	72.03	73.17	75.68	73.57
2008	85.39	84.76	97.30	96.83	99.90	103.68	99.23
2009	56.38	55.68	61.28	62.43	64.80	64.82	63.90
2010	71.54	71.07	78.35	79.64	81.25	81.09	82.17
2011	96.89	93.32	106.06	108.76	110.93	115.40	113.24
2012	97.49	91.32	105.92	107.23	107.27	112.70	115.67
2013	95.87	88.35	101.63	102.97	104.39	110.66	105.88
2014	85.31	81.44	93.64	95.20	94.50	100.17	100.25
2015	43.20	41.14	49.58	50.16	50.78	54.54	51.70
2016	35.85	34.78	41.73	42.14	44.49	48.15	48.93
2017	46.51	44.75	51.46	53.12	52.48	55.74	55.70
2018							
January	58.31	53.07	62.54	64.41	61.62	68.66	69.67
February	54.33	49.87	61.17	64.31	65.10	66.22	68.83
March	54.30	48.32	61.15	65.40	62.69	67.41	W
April	59.96	52.58	65.46	69.52	68.10	70.77	W
May	65.28	58.51	70.58	71.21	72.86	75.40	W
June	64.58	60.28	67.84	71.14	69.85	76.54	W
July	62.24	60.25	69.86	72.16	69.74	74.18	76.47
August	62.13	57.72	67.62	71.79	69.54	72.53	W
September	62.05	56.28	69.02	72.70	70.87	75.57	W
October	63.58	54.78	66.37	69.02	63.34	77.21	W
November	47.22	36.31	57.21	58.86	45.90	68.42	W
December	45.94	26.44	52.69	50.99	37.95	65.68	W
2018	58.99	51.34	64.57	66.93	62.82	71.71	71.47
2019							
January	49.72	41.88	54.64	56.22	50.11	57.81	65.11
February	55.03	52.30	59.38	61.09	55.65	61.35	W
March	57.67	55.82	61.24	64.52	60.98	63.21	W
April	61.67	60.59	65.70	67.95	65.63	71.06	70.32
May	64.18	60.96	66.20	66.81	64.57	68.48	W
June	57.29	52.98	61.00	62.90	59.97	64.73	W
July	56.08	53.34	62.33	61.17	57.60	65.58	W

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

Notes: - Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail. - Values for the current 2 months are preliminary. Values shown for previous months may be revised. Data through 2018 are final.

Sources: U.S. Energy Information Administration, Form EIA-856, *Monthly Foreign Crude Oil Acquisition Report*.

Table 25. Percentages of total imported crude oil by API gravity
percent by interval

Year month	20.0 or less	20.1 to 25.0	25.1 to 30.0	30.1 to 35.0	35.1 to 40.0	40.1 to 45.0	45.1 or greater
1997	6.05	21.88	13.33	34.43	21.28	1.77	1.27
1998	5.84	20.29	13.99	35.62	20.81	1.88	1.57
1999	4.76	17.78	14.18	36.54	21.46	3.72	1.57
2000	6.21	18.88	13.41	36.90	19.83	3.44	1.35
2001	7.97	20.78	11.60	36.10	19.63	2.71	1.21
2002	8.28	22.29	11.44	35.28	18.29	2.67	1.75
2003	8.29	24.25	9.97	35.60	17.19	2.70	1.99
2004	11.13	23.70	8.18	34.57	17.68	2.10	2.64
2005	11.94	22.83	10.20	31.87	16.92	3.68	2.55
2006	13.04	23.28	11.18	28.22	15.73	5.82	2.74
2007	11.72	23.12	11.18	28.86	16.71	5.57	2.84
2008	13.22	23.50	11.51	30.42	14.64	4.24	2.47
2009	14.08	26.11	7.78	29.74	13.76	5.65	2.88
2010	15.13	26.01	5.35	30.73	14.35	5.57	2.86
2011	17.20	27.47	6.02	30.64	13.42	3.58	1.68
2012	16.66	29.77	8.41	28.31	12.84	3.36	0.65
2013	16.20	33.87	8.74	29.98	9.67	1.28	0.27
2014	18.49	36.73	9.78	26.96	7.19	0.75	0.11
2015	19.51	38.05	8.63	26.17	7.15	0.43	0.06
2016	16.70	38.88	8.43	24.92	8.42	1.43	1.22
2017	17.58	39.99	9.88	21.31	7.37	1.93	1.95
2018							
January	13.65	46.31	8.15	21.96	5.29	2.32	2.32
February	14.54	41.23	10.57	23.23	5.63	2.88	1.93
March	14.87	40.44	11.29	24.42	4.69	W	W
April	15.39	41.98	8.00	24.55	5.55	W	W
May	15.55	42.03	11.03	19.69	8.98	W	W
June	19.56	39.42	9.38	21.30	5.31	W	W
July	17.27	39.83	10.16	23.03	5.57	3.37	0.77
August	16.92	38.86	10.56	22.83	7.61	W	W
September	19.27	40.28	9.66	21.96	6.09	W	W
October	19.76	41.24	12.30	18.05	5.47	W	W
November	16.81	39.03	10.55	20.69	8.77	W	W
December	12.93	44.45	8.58	22.46	7.31	W	W
2018	16.36	41.28	9.99	22.06	6.34	2.49	1.49
2019							
January	15.77	38.04	11.31	23.50	8.09	1.46	1.82
February	8.71	44.08	12.08	22.51	8.66	W	W
March	10.56	41.61	15.83	21.04	7.41	W	W
April	9.44	46.64	9.07	19.88	10.28	3.07	1.62
May	14.67	41.67	9.79	18.48	12.38	W	W
June	10.81	47.03	9.44	18.16	10.74	W	W
July	11.16	46.89	11.87	17.22	10.22	W	W

-- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

Notes: - Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail. - Values for the current 2 months are preliminary. Values shown for previous months may be revised. Data through 2018 are final.

Sources: U.S. Energy Information Administration, Form EIA-856, *Monthly Foreign Crude Oil Acquisition Report*.

Table 26. F.O.B.[a] costs of imported crude oil for selected crude streams

dollars per barrel

Year quarter month	Canadian Lloydminster	Iraqi Basrah Light	Mexican Mayan	Nigerian Qua Iboe	Venezuelan Merey
2005	35.13	-	40.69	-	-
2006	44.55	-	51.29	-	-
2007	48.54	-	59.96	-	-
2008	79.33	-	82.99	-	-
2009	50.11	62.98	55.07	65.60	59.89
2010	64.41	74.36	70.36	82.66	70.26
2011	78.41	104.51	98.27	115.82	98.73
2012	77.01	103.17	99.81	115.85	102.04
2013	75.61	99.28	96.87	W	99.26
2014	75.42	92.96	85.83	W	89.86
2015	W	47.59	43.49	W	43.82
2016	-	36.73	36.39	W	37.72
2017	W	49.10	46.82	W	45.62
2018					
January	-	W	59.05	-	W
February	-	W	56.82	-	-
March	-	59.95	56.98	-	-
1st quarter average	-	60.11	57.49	-	W
April	-	64.98	57.87	-	W
May	-	68.23	63.55	-	-
June	-	W	64.61	-	-
2nd quarter average	-	66.48	62.28	-	W
July	-	W	66.35	-	W
August	-	W	63.27	-	W
September	-	W	68.34	-	W
3rd quarter average	-	68.98	66.00	-	W
October	-	-	74.38	-	W
November	-	W	64.73	-	-
December	-	W	52.75	-	-
4th quarter average	-	58.16	66.48	-	W
2018	-	63.19	63.02	-	W
2019					
January	-	W	55.42	-	-
February	-	W	59.35	-	-
March	-	W	61.54	-	-
1st quarter average	-	W	58.80	-	-
April	-	W	64.15	-	-
May	-	W	62.84	-	-
June	-	W	59.14	-	-
2nd quarter average	-	64.85	61.95	-	-
July	-	W	59.87	-	-

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Free on Board. See Glossary

Notes: - Effective January 2009, selected crude streams were discontinued and new crude streams were added for publication. - Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail. - Values for the current 2 months are preliminary. Values shown for previous months may be revised. Data through 2018 are final.

Sources: U.S. Energy Information Administration, Form EIA-856, *Monthly Foreign Crude Oil Acquisition Report*.

Table 27. Landed costs of imported crude oil for selected crude streams

dollars per barrel

Year quarter month	Algerian Saharan Blend	Brazilian Marlim	Canadian Bow River Heavy	Canadian Light Sour Blend	Canadian Lloydminster
2005	-	-	39.22	-	37.59
2006	-	-	48.38	-	46.96
2007	-	-	52.36	-	50.94
2008	-	-	84.29	-	82.50
2009	65.95	58.94	55.71	59.12	53.44
2010	81.78	76.63	68.92	76.56	68.13
2011	115.82	107.13	82.02	96.52	82.24
2012	114.02	114.32	77.19	87.82	81.33
2013	113.45	108.43	76.88	90.59	79.34
2014	-	93.08	76.90	85.10	81.87
2015	W	47.77	38.90	47.18	38.51
2016	49.82	W	33.43	40.04	W
2017	54.96	50.40	43.02	50.08	42.28
2018					
January	70.13	-	45.68	57.22	W
February	W	W	38.64	60.89	W
March	W	W	39.89	59.46	-
1st quarter average	68.55	W	41.88	58.42	W
April	W	-	43.61	63.00	W
May	W	-	53.66	65.07	W
June	W	-	55.69	61.96	-
2nd quarter average	75.40	-	51.89	63.32	W
July	73.97	-	56.25	67.99	-
August	74.53	-	52.40	65.31	-
September	W	-	45.23	62.05	-
3rd quarter average	74.55	-	51.15	64.81	-
October	W	-	44.12	59.11	-
November	W	-	18.36	45.37	-
December	W	-	10.44	31.68	W
4th quarter average	70.74	-	26.06	43.19	W
2018	72.51	W	42.83	57.93	W
2019					
January	-	-	32.02	46.30	W
February	W	-	48.27	48.42	-
March	W	-	52.21	56.72	W
1st quarter average	W	-	43.75	50.56	W
April	W	-	56.67	61.22	W
May	W	-	56.50	59.98	-
June	-	-	46.91	51.74	-
2nd quarter average	W	-	53.87	58.25	W
July	-	-	48.33	53.33	-

See footnotes at end of table.

Table 27. Landed costs of imported crude oil for selected crude streams (cont.)

dollars per barrel

Year quarter month	Ecuadorian Oriente	Ecuadorian Napo	Iraqi Basrah Light	Mexican Mayan	Nigerian Bonny Light
2005	46.42	-	-	41.54	57.12
2006	56.75	-	-	52.04	69.29
2007	64.57	-	-	60.93	77.90
2008	87.25	-	-	84.29	108.46
2009	56.97	48.74	64.38	56.03	68.30
2010	75.48	72.97	77.96	70.87	84.10
2011	101.74	97.91	106.67	98.81	116.95
2012	105.50	101.53	106.93	100.29	117.70
2013	104.14	100.01	102.70	97.43	W
2014	91.65	93.11	96.95	86.49	W
2015	49.65	41.84	49.50	44.08	59.92
2016	40.68	37.46	39.90	36.79	W
2017	51.93	49.18	50.73	47.87	W
2018					
January	66.34	W	64.01	59.90	-
February	65.05	W	60.97	57.42	-
March	63.11	60.38	61.65	57.11	-
1st quarter average	65.06	60.72	62.05	58.24	-
April	68.05	63.50	65.78	58.58	-
May	73.52	W	69.98	64.17	-
June	71.04	66.83	69.31	65.46	-
2nd quarter average	70.28	65.56	68.13	63.22	-
July	74.01	68.84	70.02	66.89	-
August	70.12	67.85	68.65	64.21	-
September	W	68.28	72.38	69.88	-
3rd quarter average	72.42	68.30	70.26	66.80	-
October	77.96	69.48	61.55	75.19	-
November	67.51	61.44	63.76	65.12	-
December	56.45	53.47	58.25	53.87	-
4th quarter average	64.19	60.95	61.29	65.99	-
2018	67.94	65.09	65.43	63.62	-
2019					
January	57.97	50.60	57.15	56.19	-
February	62.01	W	59.71	60.36	-
March	W	W	63.17	62.40	-
1st quarter average	60.53	52.95	59.94	59.85	-
April	W	W	67.21	64.75	-
May	69.55	67.56	65.51	63.34	-
June	63.79	W	61.52	59.52	-
2nd quarter average	67.80	63.28	65.49	62.60	-
July	64.23	W	62.80	60.27	-

See footnotes at end of table.

Table 27. Landed costs of imported crude oil for selected crude streams (cont.)

dollars per barrel

Year quarter month	Nigerian Qua Iboe	Saudi Arabian Light	Saudi Arabian Medium	Saudi Arabian Berri	Venezuelan Merey
2005	-	52.92	48.92	-	-
2006	-	60.51	58.10	-	-
2007	-	71.62	70.09	-	-
2008	-	94.38	91.46	-	-
2009	68.26	63.10	61.87	59.72	60.15
2010	84.44	79.65	78.13	81.14	71.59
2011	117.02	109.43	107.12	110.77	100.36
2012	116.48	108.93	106.83	110.03	103.28
2013	112.47	103.44	101.44	107.00	100.69
2014	W	96.83	94.47	96.68	91.73
2015	W	50.00	48.66	52.83	45.77
2016	W	41.25	41.62	45.62	38.97
2017	W	53.27	51.60	52.68	47.38
2018					
January	W	65.72	62.32	W	W
February	W	65.47	64.58	66.71	W
March	-	66.73	66.64	W	W
1st quarter average	W	65.98	64.62	67.76	W
April	W	69.16	70.16	69.08	W
May	-	71.59	70.47	W	W
June	-	72.30	71.03	74.50	-
2nd quarter average	W	70.95	70.51	72.38	64.47
July	-	72.63	71.91	74.41	W
August	-	73.60	72.30	73.88	W
September	-	72.45	71.44	75.91	W
3rd quarter average	-	72.83	71.97	74.65	W
October	-	75.50	69.25	77.42	W
November	-	65.22	65.40	71.69	W
December	-	60.43	58.86	61.95	-
4th quarter average	-	67.29	65.62	70.71	64.43
2018	W	69.40	68.78	71.81	63.24
2019					
January	-	61.38	62.60	W	-
February	-	66.56	67.46	W	W
March	-	68.93	66.42	66.94	-
1st quarter average	-	64.87	65.38	62.49	W
April	-	W	67.16	72.41	-
May	W	W	W	W	-
June	W	W	W	W	-
2nd quarter average	W	W	66.79	70.23	-
July	-	W	W	W	-

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

Notes: - Effective January 2009, selected crude streams were discontinued and new crude streams were added for publication. - Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail. - Values for the current 2 months are preliminary. Values shown for previous months may be revised. Data through 2018 are final.

Sources: U.S. Energy Information Administration, Form EIA-856, *Monthly Foreign Crude Oil Acquisition Report*.

Prices of Petroleum Products

Table 31. Refiner motor gasoline prices by grade, sales type, PAD District, and state

dollars per gallon excluding taxes

Geographic area month	Regular			Midgrade			Premium			All grades		
	Sales to end users			Sales to end users			Sales to end users			Sales to end users		Sales for resale
	Through retail outlets	Other end users[a]	Sales for resale	Through retail outlets	Other end users[a]	Sales for resale	Through retail outlets	Other end users[a]	Sales for resale	Through retail outlets	Other end users[a]	
United States												
July 2019	2.300	1.943	1.933	2.639	2.258	2.151	2.876	NA	2.337	2.383	1.979	1.984
June 2019	2.284	1.914	1.860	2.665	2.264	2.066	2.904	NA	2.255	2.374	1.939	1.909
July 2018	2.369	2.204	2.105	2.679	2.447	2.305	2.897	NA	2.455	2.445	2.232	2.148
PAD District 1												
July 2019	2.139	W	1.865	2.399	NA	2.074	2.623	W	2.246	2.211	W	1.912
June 2019	2.087	W	1.757	2.358	NA	1.948	2.585	W	2.114	2.162	W	1.801
July 2018	2.226	W	2.047	2.482	W	2.238	2.696	W	2.394	2.294	W	2.089
Subdistrict 1A												
July 2019	W	W	1.955	W	-	2.147	W	-	2.282	W	W	2.003
June 2019	W	W	1.851	W	-	2.038	W	-	2.145	W	W	1.894
July 2018	W	W	2.130	W	-	2.266	W	-	2.407	W	W	2.169
Connecticut												
July 2019	-	W	1.957	-	-	2.080	-	-	2.308	-	W	2.011
June 2019	-	W	1.848	-	-	1.976	-	-	2.165	-	W	1.897
July 2018	-	W	2.138	-	-	2.234	-	-	2.443	-	W	2.183
Maine												
July 2019	-	-	1.988	-	-	W	-	-	2.354	-	-	2.026
June 2019	-	-	1.898	-	-	W	-	-	2.252	-	-	1.929
July 2018	-	-	2.157	-	-	W	-	-	W	-	-	2.187
Massachusetts												
July 2019	W	-	1.937	W	-	2.060	W	-	2.232	W	-	1.981
June 2019	W	-	1.836	W	-	1.924	W	-	2.090	W	-	1.874
July 2018	W	-	2.120	W	-	2.209	W	-	2.344	W	-	2.150
New Hampshire												
July 2019	W	-	W	W	-	-	W	-	W	W	-	W
June 2019	W	-	W	W	-	-	W	-	W	W	-	W
July 2018	W	-	W	W	-	W	W	-	W	W	-	W
Rhode Island												
July 2019	W	-	1.963	W	-	2.043	W	-	W	W	-	2.007
June 2019	W	-	1.865	W	-	W	W	-	W	W	-	1.904
July 2018	W	-	W	W	-	W	W	-	2.372	W	-	2.156
Vermont												
July 2019	-	-	1.913	-	-	W	-	-	2.294	-	-	W
June 2019	-	-	1.794	-	-	W	-	-	2.153	-	-	W
July 2018	-	-	2.088	-	-	W	-	-	2.385	-	-	W
Subdistrict 1B												
July 2019	2.220	-	1.912	2.450	-	2.069	2.653	-	2.275	2.296	-	1.961
June 2019	2.198	-	1.803	2.429	-	1.950	2.630	-	2.136	2.274	-	1.846
July 2018	2.271	-	2.083	2.502	-	2.218	2.694	-	2.372	2.345	-	2.120
Delaware												
July 2019	W	-	1.923	W	-	2.076	W	-	2.265	W	-	1.959
June 2019	W	-	1.828	W	-	1.977	W	-	2.120	W	-	1.858
July 2018	W	-	2.099	W	-	2.208	W	-	2.331	W	-	2.123
District of Columbia												
July 2019	-	-	-	-	-	-	-	-	-	-	-	-
June 2019	-	-	-	-	-	-	-	-	-	-	-	-
July 2018	-	-	-	-	-	-	-	-	-	-	-	-
Maryland												
July 2019	-	-	1.906	-	-	2.032	-	-	2.242	-	-	1.955
June 2019	-	-	1.789	-	-	1.910	-	-	2.092	-	-	1.833
July 2018	-	-	2.077	-	-	2.176	-	-	2.347	-	-	2.117
New Jersey												
July 2019	W	-	1.907	W	-	2.032	W	-	2.235	W	-	1.949
June 2019	W	-	1.801	W	-	1.913	W	-	2.097	W	-	1.838
July 2018	W	-	2.072	W	-	2.201	W	-	2.327	W	-	2.104
New York												
July 2019	2.289	-	1.952	2.500	-	2.224	2.700	-	2.343	2.362	-	2.021
June 2019	2.269	-	1.852	2.478	-	2.109	2.676	-	2.222	2.342	-	1.915
July 2018	2.300	-	2.109	2.514	-	2.347	2.704	-	2.439	2.374	-	2.166
Pennsylvania												
July 2019	W	-	1.883	W	-	2.066	W	-	2.253	W	-	1.922
June 2019	W	-	1.763	W	-	1.951	W	-	2.083	W	-	1.792
July 2018	W	-	2.072	W	-	2.213	W	-	2.346	W	-	2.095

See footnotes at end of table.

Table 31. Refiner motor gasoline prices by grade, sales type, PAD District, and state (cont.)

dollars per gallon excluding taxes

Geographic area month	Regular		Sales for resale	Midgrade		Sales for resale	Premium		Sales for resale	All grades		Sales for resale
	Sales to end users			Sales to end users			Sales to end users			Sales to end users		
	Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]	
Subdistrict 1C												
July 2019	W	W	1.825	W	NA	2.067	W	W	2.218	W	W	1.871
June 2019	W	W	1.718	W	NA	1.939	W	W	2.094	W	W	1.761
July 2018	W	W	2.014	W	W	2.241	W	W	2.408	W	W	2.060
Florida												
July 2019	W	1.886	1.821	W	-	2.065	W	NA	2.168	W	1.896	1.864
June 2019	W	1.761	1.717	W	-	1.942	W	W	2.046	W	1.777	1.758
July 2018	W	2.091	2.027	W	-	2.312	W	W	2.425	W	2.096	2.077
Georgia												
July 2019	W	W	1.821	W	-	2.018	W	-	2.260	W	W	1.868
June 2019	W	W	1.714	W	-	1.906	W	-	2.142	W	W	1.761
July 2018	W	W	2.014	W	-	2.185	W	-	2.437	W	W	2.062
North Carolina												
July 2019	W	W	1.804	W	-	2.084	W	W	2.213	W	W	1.852
June 2019	W	W	1.695	W	-	1.951	W	W	2.088	W	W	1.741
July 2018	W	W	1.981	W	-	2.227	W	W	2.376	W	W	2.026
South Carolina												
July 2019	W	W	1.798	W	NA	2.089	W	W	2.236	W	W	1.841
June 2019	W	W	1.688	W	NA	1.958	W	W	2.115	W	W	1.729
July 2018	W	W	1.983	W	W	2.247	W	W	2.385	W	W	2.021
Virginia												
July 2019	-	W	1.878	-	-	2.057	-	W	2.265	-	W	1.926
June 2019	-	W	1.761	-	-	1.922	-	W	2.128	-	W	1.807
July 2018	-	-	2.046	-	-	2.186	-	-	2.385	-	-	2.087
West Virginia												
July 2019	W	-	1.866	W	-	2.093	W	-	2.306	W	-	1.890
June 2019	W	-	1.780	W	-	1.999	W	-	2.207	W	-	1.810
July 2018	W	W	2.052	W	-	2.268	W	-	2.443	W	W	2.076
PAD District 2												
July 2019	W	1.999	1.898	W	W	2.075	W	W	2.346	W	2.024	1.938
June 2019	W	2.067	1.807	W	W	1.948	W	W	2.209	W	2.077	1.842
July 2018	W	2.192	2.063	2.557	W	2.220	W	2.441	2.431	W	2.212	2.096
Illinois												
July 2019	W	W	1.958	W	-	2.106	W	W	2.441	W	W	2.005
June 2019	W	2.156	1.921	W	-	2.062	W	W	2.422	W	2.109	1.970
July 2018	W	2.276	2.089	W	-	2.229	W	-	2.476	W	2.276	2.128
Indiana												
July 2019	W	W	1.903	W	-	2.120	W	-	2.379	W	W	1.939
June 2019	W	W	1.822	W	-	2.030	W	-	2.275	W	W	1.857
July 2018	W	W	2.065	W	-	2.253	W	-	2.483	W	W	2.096
Iowa												
July 2019	-	-	1.861	-	-	2.020	-	-	2.287	-	-	1.912
June 2019	-	-	1.754	-	-	1.873	-	-	2.060	-	-	1.788
July 2018	-	W	2.065	-	-	2.171	-	-	2.368	-	W	2.097
Kansas												
July 2019	W	W	1.846	W	W	2.003	-	-	2.186	W	W	1.875
June 2019	W	W	1.742	W	W	1.862	-	-	1.997	W	W	1.762
July 2018	W	W	2.057	W	W	2.190	-	-	2.276	W	W	2.075
Kentucky												
July 2019	W	W	1.910	W	-	2.178	W	NA	2.369	W	W	1.938
June 2019	W	W	1.833	W	-	2.066	W	NA	2.264	W	W	1.859
July 2018	W	W	2.094	W	-	2.288	W	W	2.510	W	W	2.120
Michigan												
July 2019	W	W	1.952	W	-	2.389	W	W	2.502	W	W	1.991
June 2019	W	W	1.847	W	-	2.254	W	W	2.391	W	W	1.884
July 2018	W	W	2.092	W	-	2.326	W	W	2.617	W	W	2.130
Minnesota												
July 2019	W	W	1.872	W	W	2.027	W	W	2.262	W	W	1.921
June 2019	W	W	1.751	W	W	1.847	W	W	2.029	W	W	1.781
July 2018	W	W	2.066	W	W	2.192	W	W	2.335	W	W	2.096
Missouri												
July 2019	-	W	1.880	-	-	2.087	-	-	2.270	-	W	1.915
June 2019	-	W	1.793	-	-	1.929	-	-	2.107	-	W	1.819
July 2018	-	W	2.067	-	-	2.183	-	-	2.367	-	W	2.090

See footnotes at end of table.

Table 31. Refiner motor gasoline prices by grade, sales type, PAD District, and state (cont.)

dollars per gallon excluding taxes

Geographic area month	Regular			Midgrade			Premium			All grades		
	Sales to end users			Sales to end users			Sales to end users			Sales to end users		Sales for resale
	Through retail outlets	Other end users[a]	Sales for resale	Through retail outlets	Other end users[a]	Sales for resale	Through retail outlets	Other end users[a]	Sales for resale	Through retail outlets	Other end users[a]	
PAD District 2 (cont.)												
Nebraska												
July 2019	W	W	1.868	W	-	1.998	-	-	2.294	W	W	1.915
June 2019	W	W	1.755	W	-	1.836	-	-	2.056	W	W	1.783
July 2018	W	W	2.058	W	-	2.174	-	-	2.344	W	W	2.087
North Dakota												
July 2019	W	W	1.903	W	W	2.011	W	W	2.353	W	W	1.958
June 2019	W	W	1.747	W	W	1.844	W	W	2.105	W	W	1.788
July 2018	W	W	2.155	W	W	2.283	W	W	2.506	W	W	2.196
Ohio												
July 2019	W	W	1.909	W	-	2.209	W	W	2.431	W	W	1.946
June 2019	W	W	1.819	W	-	2.103	W	W	2.315	W	W	1.854
July 2018	W	W	2.045	W	-	2.329	W	W	2.512	W	W	2.080
Oklahoma												
July 2019	W	2.314	1.873	W	-	2.050	W	-	2.207	W	2.314	1.915
June 2019	W	W	1.755	W	-	1.895	W	-	1.989	W	W	1.789
July 2018	W	W	2.053	W	-	NA	W	-	2.265	W	W	2.082
South Dakota												
July 2019	W	W	1.919	W	W	2.058	W	-	2.348	W	W	1.974
June 2019	W	W	1.787	W	W	1.885	W	W	2.116	W	W	1.821
July 2018	W	W	2.107	W	W	2.195	W	W	2.418	W	W	2.139
Tennessee												
July 2019	W	W	1.789	W	-	1.968	W	NA	2.181	W	W	1.824
June 2019	W	W	1.689	W	-	1.858	W	NA	2.066	W	W	1.722
July 2018	W	W	1.991	W	W	2.161	W	W	2.347	W	W	2.023
Wisconsin												
July 2019	W	W	1.949	W	W	2.149	W	W	2.496	W	W	2.006
June 2019	W	W	1.862	W	W	2.012	W	W	2.359	W	W	1.909
July 2018	W	W	2.076	W	-	2.244	W	W	2.543	W	W	2.120
PAD District 3												
July 2019	2.140	NA	1.845	2.451	W	2.044	2.717	W	2.200	2.207	1.876	1.880
June 2019	2.122	1.777	1.751	2.419	W	1.937	2.681	NA	2.064	2.186	1.826	1.782
July 2018	2.343	2.122	2.043	2.598	W	2.207	2.826	2.371	2.320	2.400	2.164	2.070
Alabama												
July 2019	W	W	1.784	W	-	2.064	W	W	2.235	W	W	1.824
June 2019	W	W	1.677	W	-	1.925	W	W	2.117	W	W	1.714
July 2018	-	W	1.979	-	-	2.321	-	W	2.406	-	W	2.019
Arkansas												
July 2019	-	-	1.814	-	-	1.994	-	-	2.195	-	-	1.846
June 2019	-	-	1.723	-	-	1.901	-	-	2.052	-	-	1.750
July 2018	-	-	2.033	-	-	2.204	-	-	2.344	-	-	2.057
Louisiana												
July 2019	-	W	1.786	-	-	1.940	-	-	2.138	-	W	1.813
June 2019	-	W	1.681	-	-	1.826	-	-	1.979	-	W	1.708
July 2018	-	W	2.013	-	-	2.151	-	-	2.247	-	W	2.045
Mississippi												
July 2019	-	-	1.819	-	-	2.038	-	-	2.231	-	-	1.851
June 2019	-	-	1.718	-	-	1.938	-	-	2.106	-	-	1.748
July 2018	-	-	2.012	-	-	2.175	-	-	2.397	-	-	2.032
New Mexico												
July 2019	2.130	W	1.930	2.429	-	2.130	2.684	W	2.343	2.202	W	1.981
June 2019	2.164	W	1.889	2.439	-	2.089	2.693	W	2.229	2.232	W	1.931
July 2018	2.390	W	2.123	2.620	-	2.251	W	W	2.463	2.454	W	2.164
Texas												
July 2019	W	W	1.867	W	W	2.046	W	-	2.196	W	W	1.902
June 2019	W	2.047	1.776	W	W	1.936	W	W	2.062	W	2.059	1.806
July 2018	NA	W	2.058	W	W	2.168	W	W	2.318	NA	W	2.082

See footnotes at end of table.

Table 31. Refiner motor gasoline prices by grade, sales type, PAD District, and state (cont.)

dollars per gallon excluding taxes

Geographic area month	Regular			Midgrade			Premium			All grades		
	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale
	Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]	
PAD District 4												
July 2019	W	2.207	1.967	W	W	2.220	2.798	W	2.338	W	2.347	2.038
June 2019	W	2.227	1.983	W	W	2.234	2.913	W	2.341	W	2.347	2.049
July 2018	W	2.388	2.196	2.680	W	2.414	2.982	W	2.548	W	2.508	2.261
Colorado												
July 2019	2.205	2.296	1.954	2.453	W	2.187	2.763	-	2.382	2.327	2.271	2.033
June 2019	2.319	W	1.972	2.583	W	2.179	W	W	2.371	2.449	2.360	2.044
July 2018	W	2.350	2.154	2.643	W	2.331	W	W	2.561	2.508	2.383	2.227
Idaho												
July 2019	W	W	2.062	W	W	2.370	W	W	2.376	W	W	2.112
June 2019	W	W	2.068	W	W	NA	W	W	2.358	W	W	2.112
July 2018	W	W	2.289	W	W	2.454	W	NA	2.550	W	W	2.329
Montana												
July 2019	W	W	1.979	W	W	2.121	W	W	2.451	W	W	2.063
June 2019	W	W	1.912	W	W	W	W	W	2.366	W	W	1.987
July 2018	W	W	2.197	W	W	W	W	W	2.667	W	W	2.278
Utah												
July 2019	W	W	1.943	W	W	2.254	W	-	2.224	W	W	2.011
June 2019	W	W	2.015	W	W	2.318	W	-	2.295	W	W	2.080
July 2018	W	W	2.234	W	W	2.530	W	-	2.477	W	W	2.290
Wyoming												
July 2019	W	W	1.926	W	-	2.114	W	-	2.336	W	W	1.994
June 2019	W	W	1.911	W	-	2.094	W	-	W	W	W	1.972
July 2018	W	W	2.156	W	-	2.334	W	-	W	W	W	2.218
PAD District 5												
July 2019	2.770	2.196	2.209	3.002	2.599	2.413	3.148	NA	2.493	2.859	NA	2.264
June 2019	2.900	2.262	2.216	3.130	2.457	2.424	3.268	NA	2.504	2.987	2.275	2.271
July 2018	2.736	2.497	2.318	2.930	2.700	2.504	3.066	2.723	2.586	2.814	2.520	2.367
Alaska												
July 2019	W	W	W	W	-	W	W	W	2.551	W	W	W
June 2019	W	W	W	W	-	W	W	W	2.590	W	W	W
July 2018	W	W	W	W	-	W	W	W	2.778	W	W	W
Arizona												
July 2019	W	W	1.971	W	W	2.232	W	W	2.241	W	W	2.004
June 2019	W	W	1.989	W	W	NA	W	W	2.280	W	W	2.025
July 2018	W	W	2.196	W	W	2.420	W	W	2.433	W	W	2.225
California												
July 2019	2.873	W	2.342	3.059	W	2.476	3.189	-	2.575	2.955	W	2.393
June 2019	2.999	NA	2.366	3.184	-	2.503	3.310	-	2.596	3.079	NA	2.416
July 2018	2.779	2.411	2.383	2.962	W	2.522	3.079	-	2.624	2.859	NA	2.433
Hawaii												
July 2019	W	W	W	W	W	W	W	W	W	W	W	W
June 2019	W	W	W	W	W	W	W	W	W	W	W	W
July 2018	W	W	W	W	W	W	W	NA	W	W	W	W
Nevada												
July 2019	W	W	2.159	W	-	2.402	W	-	2.400	W	W	2.211
June 2019	W	W	2.205	W	-	NA	W	-	2.453	W	W	2.259
July 2018	W	W	2.207	W	-	2.360	W	-	2.433	W	W	2.253
Oregon												
July 2019	2.615	-	1.991	2.795	-	2.165	2.914	-	2.274	2.663	-	2.028
June 2019	2.758	-	1.922	2.941	-	2.104	3.059	-	2.215	2.807	-	1.958
July 2018	2.714	-	2.245	2.908	-	2.438	3.022	-	2.528	2.762	-	2.280
Washington												
July 2019	2.443	W	2.038	2.680	W	2.289	2.852	W	2.373	2.505	W	2.097
June 2019	2.586	W	1.984	2.812	W	2.218	2.981	W	2.314	2.646	W	2.040
July 2018	2.537	W	2.253	2.780	W	2.491	2.935	W	2.581	2.598	W	2.306

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

[a] Sales to "other end users" are all end-user sales that were not made through company-operated retail outlets, e.g., sales to agricultural customers or utilities.

Notes: - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2018 are final.

Sources: - U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Table 32. Refiner prices of aviation fuels and kerosene by PAD District and state

dollars per gallon excluding taxes

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
United States						
July 2019	W	2.988	1.973	1.938	3.260	1.969
June 2019	W	2.841	1.907	1.879	3.312	1.914
July 2018	W	3.111	2.176	2.140	W	2.133
PAD District 1						
July 2019	W	3.097	1.996	1.976	2.980	1.988
June 2019	W	2.885	1.929	1.904	3.055	1.977
July 2018	W	3.171	2.174	2.162	W	2.205
Subdistrict 1A						
July 2019	W	W	2.078	2.015	W	W
June 2019	W	W	1.992	1.916	W	-
July 2018	W	W	2.242	2.209	W	-
Connecticut						
July 2019	-	-	W	W	-	W
June 2019	-	-	W	W	-	-
July 2018	-	-	W	W	-	-
Maine						
July 2019	W	W	W	W	-	-
June 2019	W	W	W	W	-	-
July 2018	W	W	W	W	-	-
Massachusetts						
July 2019	-	-	W	2.011	W	-
June 2019	-	-	W	1.910	W	-
July 2018	-	-	W	2.206	W	-
New Hampshire						
July 2019	-	-	W	W	W	-
June 2019	-	-	W	W	W	-
July 2018	-	-	W	W	W	-
Rhode Island						
July 2019	-	-	W	W	W	-
June 2019	-	-	W	W	W	-
July 2018	-	-	W	W	W	-
Vermont						
July 2019	-	-	W	W	-	-
June 2019	W	-	W	W	-	-
July 2018	W	-	W	W	-	-
Subdistrict 1B						
July 2019	W	3.188	2.008	1.965	2.890	1.982
June 2019	-	2.922	1.946	1.893	2.998	1.974
July 2018	-	3.247	2.173	2.148	W	2.184
Delaware						
July 2019	-	-	-	W	W	W
June 2019	-	-	-	-	W	W
July 2018	-	-	-	-	W	-
District of Columbia						
July 2019	-	-	-	-	-	-
June 2019	-	-	-	-	-	-
July 2018	-	-	-	-	-	-
Maryland						
July 2019	-	-	W	W	-	W
June 2019	-	-	W	W	-	W
July 2018	-	-	W	2.137	-	W
New Jersey						
July 2019	-	W	1.996	1.970	W	W
June 2019	-	W	1.927	1.910	W	W
July 2018	-	W	2.161	2.149	W	W
New York						
July 2019	-	W	2.026	2.076	W	2.168
June 2019	-	W	1.970	1.978	W	W
July 2018	-	W	2.185	2.229	W	2.293
Pennsylvania						
July 2019	W	W	W	1.952	2.763	-
June 2019	-	W	W	1.863	2.827	-
July 2018	-	W	W	2.144	W	W

See footnotes at end of table.

Table 32. Refiner prices of aviation fuels and kerosene by PAD District and state (cont.)

dollars per gallon excluding taxes

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
Subdistrict 1C						
July 2019	W	3.042	1.981	1.996	W	W
June 2019	W	2.856	1.910	1.935	W	W
July 2018	W	3.130	2.172	2.191	W	W
Florida						
July 2019	-	3.014	1.983	1.986	W	-
June 2019	-	2.832	1.918	1.932	W	-
July 2018	-	3.073	2.182	2.194	W	-
Georgia						
July 2019	W	W	W	2.011	-	-
June 2019	W	W	W	1.921	-	-
July 2018	W	W	W	2.182	-	W
North Carolina						
July 2019	-	W	W	2.066	W	W
June 2019	-	W	W	1.973	W	W
July 2018	-	W	W	W	W	W
South Carolina						
July 2019	-	-	W	1.987	W	W
June 2019	-	-	W	1.943	W	W
July 2018	-	-	W	2.199	W	W
Virginia						
July 2019	-	W	1.959	1.993	-	W
June 2019	-	W	1.888	W	-	-
July 2018	-	W	2.143	W	-	-
West Virginia						
July 2019	-	-	-	W	W	-
June 2019	-	-	-	W	W	-
July 2018	-	-	W	W	W	-
PAD District 2						
July 2019	W	3.050	1.966	1.966	W	2.417
June 2019	W	2.809	1.884	1.879	W	2.392
July 2018	W	3.181	2.169	2.161	W	2.672
Illinois						
July 2019	NA	W	1.957	W	W	W
June 2019	W	W	1.901	W	W	W
July 2018	W	W	2.182	W	W	W
Indiana						
July 2019	-	-	1.932	1.918	W	W
June 2019	-	-	1.872	1.877	W	W
July 2018	-	-	2.146	2.164	W	W
Iowa						
July 2019	-	-	W	2.025	-	-
June 2019	-	-	W	1.911	-	-
July 2018	-	-	W	2.217	-	-
Kansas						
July 2019	NA	W	W	W	-	W
June 2019	W	W	W	W	-	W
July 2018	W	W	W	W	-	W
Kentucky						
July 2019	-	W	1.976	1.968	W	W
June 2019	W	W	1.876	W	W	W
July 2018	NA	W	2.152	2.143	W	W
Michigan						
July 2019	-	-	W	1.936	W	W
June 2019	-	-	W	1.849	W	W
July 2018	-	-	W	2.123	W	W
Minnesota						
July 2019	W	W	2.001	1.966	W	W
June 2019	W	W	1.913	1.872	W	W
July 2018	W	W	2.160	W	W	W
Missouri						
July 2019	W	W	W	W	-	-
June 2019	W	-	W	W	-	-
July 2018	W	-	W	W	-	-

See footnotes at end of table.

Table 32. Refiner prices of aviation fuels and kerosene by PAD District and state (cont.)

dollars per gallon excluding taxes

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 2 (cont.)						
Nebraska						
July 2019	W	-	W	1.991	-	-
June 2019	W	-	W	W	-	-
July 2018	W	-	W	2.263	-	-
North Dakota						
July 2019	-	-	W	W	W	W
June 2019	-	-	W	W	-	-
July 2018	-	-	W	W	-	-
Ohio						
July 2019	W	-	2.015	1.948	W	W
June 2019	W	-	1.928	1.854	W	W
July 2018	W	W	2.189	2.126	W	W
Oklahoma						
July 2019	W	-	W	1.947	-	W
June 2019	W	-	W	1.867	-	W
July 2018	W	-	W	2.184	-	W
South Dakota						
July 2019	-	-	W	-	-	-
June 2019	-	-	W	-	-	-
July 2018	-	-	W	-	-	-
Tennessee						
July 2019	W	W	W	1.980	W	W
June 2019	-	2.829	W	1.914	W	W
July 2018	-	3.161	W	2.168	W	W
Wisconsin						
July 2019	-	-	W	1.981	W	W
June 2019	-	-	W	1.945	W	W
July 2018	-	-	2.210	W	W	W
PAD District 3						
July 2019	W	2.796	1.954	1.909	-	1.961
June 2019	W	2.627	1.908	1.867	-	1.896
July 2018	W	2.937	2.157	2.108	-	W
Alabama						
July 2019	-	W	1.981	1.974	-	W
June 2019	-	W	NA	1.889	-	W
July 2018	-	-	2.183	2.157	-	W
Arkansas						
July 2019	W	W	W	2.002	-	-
June 2019	-	-	W	1.872	-	-
July 2018	W	-	W	W	-	-
Louisiana						
July 2019	W	2.823	1.924	1.912	-	W
June 2019	W	2.660	1.871	1.877	-	W
July 2018	-	2.984	2.119	2.093	-	W
Mississippi						
July 2019	-	W	1.923	1.945	-	-
June 2019	-	W	W	1.866	-	-
July 2018	-	W	2.116	2.105	-	-
New Mexico						
July 2019	W	-	W	W	-	-
June 2019	W	-	W	W	-	-
July 2018	W	-	W	W	-	-
Texas						
July 2019	W	W	1.968	1.903	-	W
June 2019	W	W	1.943	1.863	-	W
July 2018	W	W	2.173	2.113	-	2.594

See footnotes at end of table.

Table 32. Refiner prices of aviation fuels and kerosene by PAD District and state (cont.)

dollars per gallon excluding taxes

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 4						
July 2019	W	W	2.080	2.034	-	-
June 2019	W	W	1.959	1.916	-	-
July 2018	W	W	2.228	2.234	-	-
Colorado						
July 2019	W	-	2.003	1.975	-	-
June 2019	W	-	1.892	1.870	-	-
July 2018	W	-	2.207	2.199	-	-
Idaho						
July 2019	-	-	W	2.199	-	-
June 2019	-	-	W	2.058	-	-
July 2018	-	-	W	2.369	-	-
Montana						
July 2019	W	W	W	W	-	-
June 2019	W	W	W	W	-	-
July 2018	W	W	W	W	-	-
Utah						
July 2019	-	W	2.117	2.134	-	-
June 2019	-	W	1.983	2.005	-	-
July 2018	W	W	2.215	2.296	-	-
Wyoming						
July 2019	-	-	W	W	-	-
June 2019	-	-	W	W	-	-
July 2018	-	-	W	W	-	-
PAD District 5						
July 2019	W	2.983	1.966	1.938	-	W
June 2019	W	3.044	1.905	1.876	-	W
July 2018	W	3.088	2.183	2.169	-	W
Alaska						
July 2019	W	W	W	W	-	-
June 2019	W	W	W	W	-	-
July 2018	W	W	W	W	-	-
Arizona						
July 2019	W	W	W	2.006	-	-
June 2019	W	W	W	W	-	-
July 2018	W	W	2.219	2.201	-	-
California						
July 2019	W	2.883	1.955	1.926	-	W
June 2019	W	3.008	1.887	1.862	-	W
July 2018	W	W	2.165	2.151	-	W
Hawaii						
July 2019	-	-	W	W	-	-
June 2019	-	-	W	W	-	-
July 2018	-	W	W	W	-	-
Nevada						
July 2019	-	-	W	W	-	-
June 2019	-	-	W	W	-	-
July 2018	-	-	W	W	-	-
Oregon						
July 2019	-	3.102	2.003	1.995	-	-
June 2019	-	3.076	1.922	W	-	-
July 2018	-	3.295	2.208	2.199	-	-
Washington						
July 2019	-	W	1.941	1.922	-	-
June 2019	-	W	1.905	1.868	-	-
July 2018	-	W	2.163	2.188	-	-

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2018 are final.

Sources: - U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Table 33. Refiner prices of distillate fuels by PAD District and state

dollars per gallon excluding taxes

Geographic area month	No. 1 distillate		No. 2 distillate[a]		No. 4 fuel[b]	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
United States						
July 2019	2.352	2.260	2.101	1.935	-	W
June 2019	2.209	2.203	2.079	1.873	-	W
July 2018	W	2.489	2.316	2.189	-	W
PAD District 1						
July 2019	-	W	2.173	1.927	-	-
June 2019	-	W	2.171	1.876	-	-
July 2018	-	W	2.365	2.153	-	-
Subdistrict 1A						
July 2019	-	-	W	1.949	-	-
June 2019	-	-	W	1.891	-	-
July 2018	-	-	W	2.179	-	-
Connecticut						
July 2019	-	-	W	1.939	-	-
June 2019	-	-	W	1.900	-	-
July 2018	-	-	W	NA	-	-
Maine						
July 2019	-	-	-	1.985	-	-
June 2019	-	-	-	1.881	-	-
July 2018	-	-	-	W	-	-
Massachusetts						
July 2019	-	-	W	1.946	-	-
June 2019	-	-	W	1.890	-	-
July 2018	-	-	W	2.184	-	-
New Hampshire						
July 2019	-	-	W	W	-	-
June 2019	-	-	W	W	-	-
July 2018	-	-	W	W	-	-
Rhode Island						
July 2019	-	-	W	1.954	-	-
June 2019	-	-	W	1.873	-	-
July 2018	-	-	W	NA	-	-
Vermont						
July 2019	-	-	-	W	-	-
June 2019	-	-	-	W	-	-
July 2018	-	-	W	W	-	-
Subdistrict 1B						
July 2019	-	-	W	1.918	-	-
June 2019	-	-	W	1.873	-	-
July 2018	-	-	W	2.143	-	-
Delaware						
July 2019	-	-	W	1.908	-	-
June 2019	-	-	W	1.869	-	-
July 2018	-	-	W	W	-	-
District of Columbia						
July 2019	-	-	-	W	-	-
June 2019	-	-	-	W	-	-
July 2018	-	-	-	W	-	-
Maryland						
July 2019	-	-	W	1.922	-	-
June 2019	-	-	-	1.870	-	-
July 2018	-	-	-	2.152	-	-
New Jersey						
July 2019	-	-	2.169	1.911	-	-
June 2019	-	-	2.161	1.862	-	-
July 2018	-	-	2.387	2.137	-	-
New York						
July 2019	-	-	2.456	1.986	-	-
June 2019	-	-	2.490	1.945	-	-
July 2018	-	-	2.523	2.184	-	-
Pennsylvania						
July 2019	-	-	2.252	1.908	-	-
June 2019	-	-	2.265	1.877	-	-
July 2018	-	-	2.385	2.140	-	-

See footnotes at end of table.

Table 33. Refiner prices of distillate fuels by PAD District and state (cont.)

dollars per gallon excluding taxes

Geographic area month	No. 1 distillate		No. 2 distillate[a]		No. 4 fuel[b]	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
Subdistrict 1C						
July 2019	-	W	2.088	1.933	-	-
June 2019	-	W	2.078	1.877	-	-
July 2018	-	W	2.316	2.163	-	-
Florida						
July 2019	-	-	2.122	1.956	-	-
June 2019	-	-	2.107	1.894	-	-
July 2018	-	-	2.328	2.191	-	-
Georgia						
July 2019	-	W	1.997	1.927	-	-
June 2019	-	W	1.953	1.869	-	-
July 2018	-	W	2.162	2.150	-	-
North Carolina						
July 2019	-	-	2.126	1.919	-	-
June 2019	-	-	2.154	1.873	-	-
July 2018	-	-	2.324	2.149	-	-
South Carolina						
July 2019	-	-	2.251	1.923	-	-
June 2019	-	-	W	1.858	-	-
July 2018	-	-	2.421	2.147	-	-
Virginia						
July 2019	-	-	1.918	1.927	-	-
June 2019	-	-	1.870	1.871	-	-
July 2018	-	-	2.153	2.147	-	-
West Virginia						
July 2019	-	-	W	1.924	-	-
June 2019	-	-	W	1.864	-	-
July 2018	-	-	W	2.196	-	-
PAD District 2						
July 2019	2.425	2.239	2.029	1.897	-	-
June 2019	W	2.220	2.032	1.827	-	-
July 2018	W	2.415	2.289	2.196	-	-
Illinois						
July 2019	W	W	2.109	1.861	-	-
June 2019	W	2.052	2.189	1.761	-	-
July 2018	W	W	2.393	2.182	-	-
Indiana						
July 2019	-	W	W	1.871	-	-
June 2019	-	W	W	1.793	-	-
July 2018	-	W	W	2.188	-	-
Iowa						
July 2019	-	W	2.017	1.937	-	-
June 2019	-	2.332	1.967	1.890	-	-
July 2018	W	2.312	2.292	2.221	-	-
Kansas						
July 2019	W	2.018	1.870	1.903	-	-
June 2019	-	2.016	1.813	1.854	-	-
July 2018	-	2.272	2.164	2.188	-	-
Kentucky						
July 2019	W	W	2.019	1.936	-	-
June 2019	W	W	1.977	1.869	-	-
July 2018	-	W	2.272	2.213	-	-
Michigan						
July 2019	W	W	2.265	1.880	-	-
June 2019	W	2.402	2.269	1.773	-	-
July 2018	W	W	2.460	2.215	-	-
Minnesota						
July 2019	W	2.362	2.075	1.960	-	-
June 2019	W	2.306	2.067	1.914	-	-
July 2018	W	2.396	2.375	2.238	-	-
Missouri						
July 2019	W	W	1.968	1.921	-	-
June 2019	W	W	W	1.861	-	-
July 2018	W	W	2.209	2.205	-	-

See footnotes at end of table.

Table 33. Refiner prices of distillate fuels by PAD District and state (cont.)

dollars per gallon excluding taxes

Geographic area month	No. 1 distillate		No. 2 distillate[a]		No. 4 fuel[b]	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 2 (cont.)						
Nebraska						
July 2019	-	W	W	1.936	-	-
June 2019	-	W	W	1.890	-	-
July 2018	-	2.331	W	2.223	-	-
North Dakota						
July 2019	W	W	1.922	1.917	-	-
June 2019	W	W	1.903	1.876	-	-
July 2018	W	2.390	W	2.218	-	-
Ohio						
July 2019	-	W	2.073	1.871	-	-
June 2019	-	W	2.106	1.786	-	-
July 2018	-	W	2.360	2.190	-	-
Oklahoma						
July 2019	-	W	1.955	1.883	-	-
June 2019	-	W	1.983	1.828	-	-
July 2018	-	W	W	2.177	-	-
South Dakota						
July 2019	W	W	W	1.976	-	-
June 2019	W	W	W	1.925	-	-
July 2018	W	2.373	W	2.251	-	-
Tennessee						
July 2019	-	W	2.064	1.921	-	-
June 2019	-	-	2.056	1.866	-	-
July 2018	-	-	2.284	2.163	-	-
Wisconsin						
July 2019	-	W	2.128	1.905	-	-
June 2019	-	W	2.109	1.827	-	-
July 2018	W	W	2.493	2.220	-	-
PAD District 3						
July 2019	-	-	1.972	1.896	-	W
June 2019	-	-	1.942	1.861	-	W
July 2018	-	-	2.205	2.131	-	W
Alabama						
July 2019	-	-	1.970	1.904	-	-
June 2019	-	-	1.918	1.845	-	-
July 2018	-	-	2.188	2.138	-	-
Arkansas						
July 2019	-	-	W	1.913	-	-
June 2019	-	-	W	1.863	-	-
July 2018	-	-	W	2.177	-	-
Louisiana						
July 2019	-	-	2.047	1.870	-	-
June 2019	-	-	1.996	1.853	-	-
July 2018	-	-	2.241	2.088	-	-
Mississippi						
July 2019	-	-	W	1.911	-	-
June 2019	-	-	W	1.867	-	-
July 2018	-	-	W	2.140	-	-
New Mexico						
July 2019	-	-	2.126	2.038	-	-
June 2019	-	-	2.064	1.959	-	-
July 2018	-	-	2.332	2.245	-	-
Texas						
July 2019	-	-	1.948	1.899	-	W
June 2019	-	-	1.923	1.862	-	W
July 2018	-	-	2.179	2.138	-	W

See footnotes at end of table.

Table 33. Refiner prices of distillate fuels by PAD District and state (cont.)

dollars per gallon excluding taxes

Geographic area month	No. 1 distillate		No. 2 distillate[a]		No. 4 fuel[b]	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 4						
July 2019	W	2.310	2.016	1.978	-	-
June 2019	W	2.238	1.989	1.866	-	-
July 2018	W	2.629	2.397	2.444	-	-
Colorado						
July 2019	W	2.292	2.020	1.926	-	-
June 2019	W	2.216	2.010	1.857	-	-
July 2018	-	2.628	2.396	2.332	-	-
Idaho						
July 2019	W	W	2.117	1.996	-	-
June 2019	W	-	1.947	1.813	-	-
July 2018	W	W	NA	2.618	-	-
Montana						
July 2019	W	2.279	W	1.966	-	-
June 2019	W	2.255	2.089	1.923	-	-
July 2018	W	2.607	W	2.340	-	-
Utah						
July 2019	-	W	1.968	1.988	-	-
June 2019	-	W	2.085	1.806	-	-
July 2018	-	-	NA	2.662	-	-
Wyoming						
July 2019	-	2.375	1.973	2.041	-	-
June 2019	-	2.305	1.900	1.949	-	-
July 2018	-	2.726	2.270	2.398	-	-
PAD District 5						
July 2019	W	2.267	2.350	2.120	-	-
June 2019	W	2.184	2.271	2.010	-	-
July 2018	W	2.520	2.416	2.279	-	-
Alaska						
July 2019	W	W	W	W	-	-
June 2019	W	W	W	W	-	-
July 2018	W	W	W	W	-	-
Arizona						
July 2019	-	-	2.178	2.119	-	-
June 2019	-	-	2.112	1.990	-	-
July 2018	-	-	W	2.221	-	-
California						
July 2019	-	-	2.545	2.178	-	-
June 2019	-	-	2.438	2.087	-	-
July 2018	-	-	2.423	2.312	-	-
Hawaii						
July 2019	-	-	W	W	-	-
June 2019	-	-	W	W	-	-
July 2018	-	-	W	W	-	-
Nevada						
July 2019	-	-	W	2.050	-	-
June 2019	-	-	W	1.965	-	-
July 2018	-	-	2.412	2.268	-	-
Oregon						
July 2019	-	NA	2.130	2.037	-	-
June 2019	-	W	W	1.909	-	-
July 2018	-	W	2.883	2.249	-	-
Washington						
July 2019	W	W	2.138	1.970	-	-
June 2019	-	W	1.945	1.865	-	-
July 2018	-	W	2.396	2.199	-	-

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

[a] Includes sales of No. 2 fuel oil and diesel fuels.

[b] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2018 are final.

Sources: - U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report.

Volume of Petroleum Products

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state
thousand gallons per day

Geographic area month	Regular					Midgrade				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
United States										
July 2019	20,191.0	20,560.6	16,729.8	241,764.4	10,159.2	1,656.5	1,668.0	166.5	1,840.6	-
June 2019	20,319.2	20,697.0	17,077.8	240,683.2	10,893.7	1,658.5	1,669.7	173.7	1,792.1	-
July 2018	20,027.2	20,320.3	17,291.2	237,186.1	18,271.8	1,680.5	1,692.6	243.1	1,950.5	-
PAD District 1										
July 2019	6,538.3	6,681.6	W	W	3,323.9	586.0	588.9	W	W	-
June 2019	6,527.2	6,678.0	W	W	3,677.5	586.8	589.6	W	W	-
July 2018	6,455.1	6,546.9	W	W	3,609.5	575.5	577.0	W	W	-
Subdistrict 1A										
July 2019	W	W	W	W	W	W	W	-	58.1	-
June 2019	W	W	W	W	W	W	W	-	41.5	-
July 2018	W	W	W	W	W	W	W	-	63.0	-
Connecticut										
July 2019	-	W	-	W	W	-	-	-	12.1	-
June 2019	-	W	-	W	W	-	-	-	11.5	-
July 2018	-	W	W	2,292.8	W	-	-	-	16.2	-
Maine										
July 2019	-	-	-	W	-	-	-	-	W	-
June 2019	-	-	-	W	-	-	-	-	W	-
July 2018	-	-	W	W	-	-	-	-	W	-
Massachusetts										
July 2019	W	W	-	1,152.8	-	W	W	-	6.5	-
June 2019	W	W	-	1,144.2	-	W	W	-	6.5	-
July 2018	W	W	-	1,137.2	-	W	W	-	7.8	-
New Hampshire										
July 2019	W	W	W	W	-	W	W	-	-	-
June 2019	W	W	W	W	-	W	W	-	-	-
July 2018	W	W	W	W	-	W	W	-	W	-
Rhode Island										
July 2019	W	W	-	887.7	-	W	W	-	W	-
June 2019	W	W	-	883.1	-	W	W	-	W	-
July 2018	W	W	-	W	-	W	W	-	W	-
Vermont										
July 2019	-	-	W	W	-	-	-	-	W	-
June 2019	-	-	W	W	-	-	-	-	W	-
July 2018	-	-	W	W	-	-	-	-	W	-
Subdistrict 1B										
July 2019	3,545.1	3,545.1	W	21,905.2	W	365.8	365.8	W	W	-
June 2019	3,504.5	3,504.5	W	21,711.3	W	365.9	365.9	W	W	-
July 2018	3,322.4	3,322.4	W	22,024.3	W	350.7	350.7	W	W	-
Delaware										
July 2019	W	W	-	1,206.8	-	W	W	-	12.4	-
June 2019	W	W	-	1,033.0	-	W	W	-	10.0	-
July 2018	W	W	-	1,081.4	-	W	W	-	14.5	-
District of Columbia										
July 2019	-	-	-	-	-	-	-	-	-	-
June 2019	-	-	-	-	-	-	-	-	-	-
July 2018	-	-	-	-	-	-	-	-	-	-
Maryland										
July 2019	-	-	-	3,850.2	-	-	-	-	63.2	-
June 2019	-	-	-	3,802.7	-	-	-	-	54.7	-
July 2018	-	-	-	3,837.5	-	-	-	-	64.7	-
New Jersey										
July 2019	W	W	W	7,216.2	W	W	W	W	W	-
June 2019	W	W	W	7,262.1	W	W	W	W	W	-
July 2018	W	W	W	6,969.1	W	W	W	W	W	-
New York										
July 2019	2,264.5	2,264.5	W	W	W	239.8	239.8	W	W	-
June 2019	2,216.7	2,216.7	W	W	W	238.3	238.3	W	W	-
July 2018	2,025.9	2,025.9	W	W	W	228.1	228.1	W	W	-
Pennsylvania										
July 2019	W	W	-	W	W	W	W	-	19.3	-
June 2019	W	W	-	W	W	W	W	-	17.3	-
July 2018	W	W	-	W	W	W	W	-	22.9	-

See footnotes at end of table.

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	Premium					All grades				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
United States										
July 2019	2,516.8	2,568.9	4,622.1	31,426.7	1,637.7	24,364.3	24,797.5	21,518.4	275,031.7	11,796.8
June 2019	2,531.3	2,582.2	4,686.3	30,746.4	1,751.3	24,508.9	24,949.0	21,937.8	273,221.6	12,645.0
July 2018	2,508.8	2,542.6	4,777.5	30,028.9	2,329.6	24,216.5	24,555.5	22,311.7	269,165.5	20,601.4
PAD District 1										
July 2019	868.7	896.4	W	9,468.5	W	7,992.9	8,166.9	W	80,583.6	W
June 2019	874.1	902.2	W	9,402.1	W	7,988.1	8,169.8	W	79,800.5	W
July 2018	826.3	841.2	W	9,364.3	W	7,856.9	7,965.1	W	79,873.7	W
Subdistrict 1A										
July 2019	W	W	W	W	W	W	W	W	6,162.7	W
June 2019	W	W	W	W	W	W	W	W	6,081.9	W
July 2018	W	W	W	W	W	W	W	W	6,141.3	W
Connecticut										
July 2019	-	-	-	W	W	-	W	-	W	W
June 2019	-	-	-	W	W	-	W	-	W	W
July 2018	-	-	W	396.5	W	-	W	W	2,705.4	W
Maine										
July 2019	-	-	-	W	-	-	-	-	829.1	-
June 2019	-	-	-	W	-	-	-	-	750.2	-
July 2018	-	-	W	59.5	-	-	-	W	W	-
Massachusetts										
July 2019	W	W	-	201.1	-	W	W	-	1,360.5	-
June 2019	W	W	-	197.0	-	W	W	-	1,347.7	-
July 2018	W	W	-	176.9	-	W	W	-	1,321.9	-
New Hampshire										
July 2019	W	W	W	W	-	W	W	W	W	-
June 2019	W	W	W	W	-	W	W	W	W	-
July 2018	W	W	W	W	-	W	W	W	W	-
Rhode Island										
July 2019	W	W	-	W	-	W	W	-	1,063.4	-
June 2019	W	W	-	W	-	W	W	-	1,046.3	-
July 2018	W	W	-	W	-	W	W	-	1,197.9	-
Vermont										
July 2019	-	-	W	W	-	-	-	W	W	-
June 2019	-	-	W	W	-	-	-	W	W	-
July 2018	-	-	W	W	-	-	-	W	W	-
Subdistrict 1B										
July 2019	586.3	586.3	W	W	433.8	4,497.3	4,497.3	W	25,297.8	W
June 2019	587.5	587.5	W	W	W	4,457.9	4,457.9	W	25,035.3	W
July 2018	547.5	547.5	W	W	271.2	4,220.5	4,220.5	W	25,371.9	W
Delaware										
July 2019	W	W	-	137.2	-	W	W	-	1,356.4	-
June 2019	W	W	-	116.6	-	W	W	-	1,159.6	-
July 2018	W	W	-	119.7	-	W	W	-	1,215.6	-
District of Columbia										
July 2019	-	-	-	-	-	-	-	-	-	-
June 2019	-	-	-	-	-	-	-	-	-	-
July 2018	-	-	-	-	-	-	-	-	-	-
Maryland										
July 2019	-	-	-	637.1	-	-	-	-	4,550.5	-
June 2019	-	-	-	634.3	-	-	-	-	4,491.8	-
July 2018	-	-	-	646.0	-	-	-	-	4,548.1	-
New Jersey										
July 2019	W	W	W	W	W	W	W	W	8,332.4	W
June 2019	W	W	W	1,064.9	W	W	W	W	W	996.6
July 2018	W	W	W	1,015.5	W	W	W	W	W	1,037.7
New York										
July 2019	389.2	389.2	W	925.6	W	2,893.5	2,893.5	W	W	W
June 2019	386.7	386.7	W	913.4	W	2,841.6	2,841.6	W	5,945.7	W
July 2018	359.6	359.6	W	939.8	W	2,613.6	2,613.6	W	6,231.7	W
Pennsylvania										
July 2019	W	W	-	W	W	W	W	-	W	W
June 2019	W	W	-	W	W	W	W	-	W	W
July 2018	W	W	-	W	W	W	W	-	W	W

See footnotes at end of table.

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	Regular					Midgrade				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
Subdistrict 1C										
July 2019	W	W	-	W	W	W	W	-	493.8	-
June 2019	W	W	-	W	W	W	W	-	475.8	-
July 2018	W	W	-	W	W	W	W	-	480.1	-
Florida										
July 2019	W	W	-	13,928.1	-	W	W	-	162.0	-
June 2019	W	W	-	W	W	W	W	-	157.3	-
July 2018	W	W	-	13,397.5	-	W	W	-	139.2	-
Georgia										
July 2019	W	W	-	8,416.6	-	W	W	-	53.8	-
June 2019	W	W	-	8,307.1	-	W	W	-	52.7	-
July 2018	W	W	-	W	W	W	W	-	59.8	-
North Carolina										
July 2019	W	W	-	8,852.0	-	W	W	-	138.4	-
June 2019	W	W	-	8,737.3	-	W	W	-	129.8	-
July 2018	W	W	-	W	W	W	W	-	140.0	-
South Carolina										
July 2019	W	W	-	4,466.3	-	W	W	-	47.5	-
June 2019	W	W	-	4,337.3	-	W	W	-	42.2	-
July 2018	W	W	-	W	W	W	W	-	42.8	-
Virginia										
July 2019	-	W	-	W	W	-	-	-	82.1	-
June 2019	-	W	-	W	W	-	-	-	84.2	-
July 2018	-	-	-	W	W	-	-	-	88.2	-
West Virginia										
July 2019	W	W	-	W	W	W	W	-	10.0	-
June 2019	W	W	-	W	W	W	W	-	9.5	-
July 2018	W	W	-	W	W	W	W	-	10.2	-
PAD District 2										
July 2019	W	W	-	W	W	W	W	-	500.5	-
June 2019	W	W	-	79,539.6	1,080.8	W	W	-	523.3	-
July 2018	W	W	-	77,710.8	1,366.6	310.9	317.8	-	548.9	-
Illinois										
July 2019	W	W	-	W	W	W	W	-	54.3	-
June 2019	W	W	-	W	W	W	W	-	65.0	-
July 2018	W	W	-	W	W	W	W	-	79.0	-
Indiana										
July 2019	W	W	-	W	W	W	W	-	19.2	-
June 2019	W	W	-	5,876.7	-	W	W	-	40.7	-
July 2018	W	W	-	5,610.6	-	W	W	-	23.3	-
Iowa										
July 2019	-	-	-	2,794.6	-	-	-	-	57.6	-
June 2019	-	-	-	2,913.5	-	-	-	-	64.4	-
July 2018	-	W	-	2,499.4	-	-	-	-	53.9	-
Kansas										
July 2019	W	W	-	W	W	W	W	-	16.3	-
June 2019	W	W	-	W	W	W	W	-	18.0	-
July 2018	W	W	-	W	W	W	W	-	20.7	-
Kentucky										
July 2019	W	W	-	3,688.1	-	W	W	-	11.1	-
June 2019	W	W	-	3,537.8	-	W	W	-	11.2	-
July 2018	W	W	-	W	W	W	W	-	13.0	-
Michigan										
July 2019	W	W	-	W	W	W	W	-	26.4	-
June 2019	W	W	-	W	W	W	W	-	20.4	-
July 2018	W	W	-	10,166.8	-	W	W	-	21.9	-
Minnesota										
July 2019	W	W	-	4,929.2	-	W	40.3	-	71.7	-
June 2019	W	W	-	5,019.8	-	W	41.5	-	65.9	-
July 2018	W	W	-	W	W	W	W	-	91.7	-
Missouri										
July 2019	-	W	-	3,557.5	NA	-	-	-	14.6	-
June 2019	-	W	-	W	W	-	-	-	13.0	-
July 2018	-	W	-	W	W	-	-	-	17.2	-

See footnotes at end of table.

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	Premium					All grades				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
Subdistrict 1C										
July 2019	W	W	-	W	W	W	W	-	49,123.1	381.4
June 2019	W	W	-	W	W	W	W	-	48,683.4	443.0
July 2018	W	W	-	W	W	W	W	-	48,360.5	456.9
Florida										
July 2019	W	W	-	1,857.2	-	W	W	-	15,947.3	-
June 2019	W	W	-	W	W	W	W	-	W	W
July 2018	W	W	-	1,851.1	-	W	W	-	15,387.8	-
Georgia										
July 2019	W	W	-	1,003.9	-	W	W	-	9,474.4	-
June 2019	W	W	-	1,010.3	-	W	W	-	9,370.2	-
July 2018	W	W	-	1,041.9	-	W	W	-	W	W
North Carolina										
July 2019	W	W	-	W	W	W	W	-	W	W
June 2019	W	W	-	W	W	W	W	-	W	W
July 2018	W	W	-	1,050.2	-	W	W	-	W	W
South Carolina										
July 2019	W	W	-	453.2	-	W	W	-	4,967.0	-
June 2019	W	W	-	434.6	-	W	W	-	4,814.2	-
July 2018	W	W	-	444.2	-	W	W	-	W	W
Virginia										
July 2019	-	W	-	932.0	-	-	W	-	W	W
June 2019	-	W	-	930.7	-	-	W	-	W	W
July 2018	-	-	-	935.5	-	-	-	-	W	W
West Virginia										
July 2019	W	W	-	W	W	W	W	-	W	W
June 2019	W	W	-	W	W	W	W	-	W	W
July 2018	W	W	-	W	W	W	W	-	W	W
PAD District 2										
July 2019	W	W	-	W	W	W	W	-	88,134.8	1,600.1
June 2019	W	W	-	7,186.5	434.0	W	W	-	87,249.4	1,514.8
July 2018	W	W	-	7,013.3	587.4	W	8,707.4	-	85,273.0	1,954.0
Illinois										
July 2019	W	W	-	1,146.6	-	W	W	-	W	W
June 2019	W	W	-	1,209.2	-	W	W	-	W	W
July 2018	W	W	-	W	W	W	W	-	12,009.5	69.6
Indiana										
July 2019	W	W	-	W	W	W	W	-	6,569.6	77.2
June 2019	W	W	-	W	W	W	W	-	W	W
July 2018	W	W	-	W	W	W	W	-	W	W
Iowa										
July 2019	-	-	-	366.1	-	-	-	-	3,218.4	-
June 2019	-	-	-	348.9	-	-	-	-	3,326.8	-
July 2018	-	-	-	283.4	-	-	W	-	2,836.6	-
Kansas										
July 2019	-	-	-	W	W	W	W	-	W	W
June 2019	-	-	-	W	W	W	W	-	W	W
July 2018	-	-	-	W	W	W	W	-	4,434.9	1,002.6
Kentucky										
July 2019	W	W	-	226.3	-	W	W	-	3,925.5	-
June 2019	W	W	-	219.2	-	W	W	-	3,768.2	-
July 2018	W	W	-	223.6	-	W	W	-	W	W
Michigan										
July 2019	W	W	-	W	W	W	W	-	W	W
June 2019	W	W	-	W	W	W	W	-	W	W
July 2018	W	W	-	W	W	W	W	-	W	W
Minnesota										
July 2019	W	W	-	W	W	W	W	-	W	W
June 2019	W	W	-	W	W	W	W	-	W	W
July 2018	W	W	-	W	W	W	W	-	W	W
Missouri										
July 2019	-	-	-	335.9	NA	-	W	-	3,908.0	NA
June 2019	-	-	-	W	W	-	W	-	W	W
July 2018	-	-	-	W	W	-	W	-	W	W

See footnotes at end of table.

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	Regular					Midgrade				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 2 (cont.)										
Nebraska										
July 2019	W	W	-	1,563.9	-	W	W	-	16.8	-
June 2019	W	W	-	1,564.3	-	W	W	-	15.6	-
July 2018	W	W	-	1,535.4	-	W	W	-	16.7	-
North Dakota										
July 2019	W	W	-	1,021.9	-	W	W	-	18.9	-
June 2019	W	W	-	958.3	-	W	W	-	17.8	-
July 2018	W	W	-	900.7	-	W	W	-	18.3	-
Ohio										
July 2019	W	W	-	10,445.3	-	W	W	-	36.6	-
June 2019	W	W	-	W	W	W	W	-	35.9	-
July 2018	W	W	-	10,267.1	-	W	W	-	48.1	-
Oklahoma										
July 2019	W	W	-	W	W	W	W	-	6.7	-
June 2019	W	W	-	W	W	W	W	-	5.7	-
July 2018	W	W	-	W	W	W	W	-	NA	-
South Dakota										
July 2019	W	W	-	1,073.4	-	W	W	-	17.7	-
June 2019	W	W	-	1,010.0	-	W	W	-	17.9	-
July 2018	W	W	-	1,028.4	-	W	W	-	20.9	-
Tennessee										
July 2019	W	W	-	9,676.6	-	W	W	-	88.4	-
June 2019	W	W	-	9,537.9	-	W	W	-	90.7	-
July 2018	W	W	-	9,116.7	-	W	W	-	71.0	-
Wisconsin										
July 2019	W	W	-	5,596.3	-	W	W	-	44.0	-
June 2019	W	W	-	5,438.0	-	W	W	-	41.2	-
July 2018	W	W	-	5,448.0	-	W	W	-	48.8	-
PAD District 3										
July 2019	970.0	1,024.7	W	50,563.7	W	88.7	88.8	W	W	-
June 2019	965.7	1,020.0	W	50,464.0	W	86.1	86.4	W	W	-
July 2018	933.2	963.6	W	48,943.5	W	86.4	86.5	W	W	-
Alabama										
July 2019	W	W	-	5,333.3	-	W	W	-	48.9	-
June 2019	W	W	-	5,252.7	-	W	W	-	42.8	-
July 2018	-	W	-	W	W	-	-	-	58.4	-
Arkansas										
July 2019	-	-	-	3,015.3	-	-	-	-	14.4	-
June 2019	-	-	-	2,997.7	-	-	-	-	13.7	-
July 2018	-	-	-	2,984.0	-	-	-	-	16.2	-
Louisiana										
July 2019	-	W	-	W	W	-	-	-	12.2	-
June 2019	-	W	-	W	W	-	-	-	11.6	-
July 2018	-	W	-	W	W	-	-	-	18.0	-
Mississippi										
July 2019	-	-	-	W	W	-	-	-	26.3	-
June 2019	-	-	-	W	W	-	-	-	28.0	-
July 2018	-	-	-	2,953.8	1,368.6	-	-	-	23.6	-
New Mexico										
July 2019	444.4	456.4	W	W	-	50.2	W	W	W	-
June 2019	427.7	437.9	W	W	-	48.9	W	W	W	-
July 2018	394.7	406.6	W	W	-	W	W	W	W	-
Texas										
July 2019	W	W	W	32,044.4	W	W	38.4	-	127.2	-
June 2019	W	W	W	31,954.1	W	W	37.4	-	137.9	-
July 2018	NA	NA	W	30,811.0	W	W	W	-	138.6	-

See footnotes at end of table.

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	Premium					All grades				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 2 (cont.)										
Nebraska										
July 2019	-	-	-	188.2	-	W	W	-	1,768.9	-
June 2019	-	-	-	161.7	-	W	W	-	1,741.6	-
July 2018	-	-	-	168.0	-	W	W	-	1,720.1	-
North Dakota										
July 2019	W	W	-	137.0	-	W	W	-	1,177.8	-
June 2019	W	W	-	119.4	-	W	W	-	1,095.5	-
July 2018	W	W	-	114.5	-	W	W	-	1,033.5	-
Ohio										
July 2019	W	W	-	W	W	W	W	-	W	W
June 2019	W	W	-	W	W	W	W	-	W	W
July 2018	W	W	-	W	W	W	W	-	W	W
Oklahoma										
July 2019	W	W	-	W	W	W	W	-	4,518.5	407.8
June 2019	W	W	-	W	W	W	W	-	4,398.3	312.2
July 2018	W	W	-	W	W	W	W	-	4,664.4	556.2
South Dakota										
July 2019	W	W	-	153.3	-	W	W	-	1,244.4	-
June 2019	W	W	-	112.7	-	W	W	-	1,140.6	-
July 2018	W	W	-	111.6	-	W	W	-	1,160.9	-
Tennessee										
July 2019	W	W	-	909.2	-	W	W	-	10,674.2	-
June 2019	W	W	-	889.1	-	W	W	-	10,517.7	-
July 2018	W	W	-	878.5	-	W	W	-	10,066.2	-
Wisconsin										
July 2019	W	W	-	642.4	-	W	W	-	6,282.6	-
June 2019	W	W	-	563.3	-	W	W	-	6,042.5	-
July 2018	W	W	-	551.5	-	W	W	-	6,048.3	-
PAD District 3										
July 2019	85.2	95.9	W	W	W	1,143.8	1,209.5	W	W	4,859.8
June 2019	83.9	95.0	W	W	478.7	1,135.7	1,201.4	W	56,180.6	W
July 2018	83.7	89.7	W	W	1,028.5	1,103.3	1,139.9	W	54,334.6	W
Alabama										
July 2019	W	W	-	481.0	-	W	W	-	5,863.2	-
June 2019	W	W	-	457.9	-	W	W	-	5,753.5	-
July 2018	-	W	-	456.5	-	-	W	-	W	W
Arkansas										
July 2019	-	-	-	274.0	-	-	-	-	3,303.6	-
June 2019	-	-	-	263.9	-	-	-	-	3,275.2	-
July 2018	-	-	-	251.2	-	-	-	-	3,251.4	-
Louisiana										
July 2019	-	-	-	W	W	-	W	-	6,351.1	1,245.6
June 2019	-	-	-	W	W	-	W	-	6,449.0	1,798.0
July 2018	-	-	-	W	W	-	W	-	6,395.0	2,471.5
Mississippi										
July 2019	-	-	-	245.2	-	-	-	-	W	W
June 2019	-	-	-	241.0	-	-	-	-	W	W
July 2018	-	-	-	227.6	-	-	-	-	3,205.1	1,368.6
New Mexico										
July 2019	42.4	W	W	W	-	537.0	550.4	W	W	-
June 2019	41.2	W	W	W	-	517.8	529.4	W	W	-
July 2018	W	W	W	W	-	488.6	501.9	W	W	-
Texas										
July 2019	W	W	W	3,763.5	W	W	W	W	35,935.1	W
June 2019	W	W	W	3,756.5	W	W	W	W	35,848.5	W
July 2018	W	W	W	3,443.8	W	NA	NA	W	34,393.4	W

See footnotes at end of table.

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	Regular					Midgrade				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 4										
July 2019	W	W	W	W	-	W	W	-	143.8	-
June 2019	W	W	W	W	W	W	W	-	126.7	-
July 2018	W	W	W	W	W	76.0	78.7	-	140.5	-
Colorado										
July 2019	175.4	176.3	W	W	-	46.1	46.5	-	44.3	-
June 2019	150.6	151.4	W	W	-	W	42.2	-	41.7	-
July 2018	W	164.5	W	W	W	44.1	44.9	-	59.7	-
Idaho										
July 2019	W	W	-	1,571.4	-	W	W	-	9.2	-
June 2019	W	W	-	1,520.6	-	W	W	-	9.4	-
July 2018	W	W	-	1,577.8	-	W	W	-	7.4	-
Montana										
July 2019	W	W	-	1,543.1	-	W	W	-	7.5	-
June 2019	W	W	-	1,439.6	-	W	W	-	W	-
July 2018	W	W	-	1,546.0	-	W	W	-	W	-
Utah										
July 2019	W	W	W	W	-	W	W	-	69.0	-
June 2019	W	W	W	W	-	W	W	-	54.8	-
July 2018	W	W	W	W	-	W	W	-	53.1	-
Wyoming										
July 2019	W	12.7	-	1,014.6	-	W	W	-	13.9	-
June 2019	W	11.7	-	W	W	W	W	-	W	-
July 2018	W	13.5	-	1,024.3	-	W	W	-	W	-
PAD District 5										
July 2019	4,293.3	4,364.2	15,145.8	W	W	594.4	595.3	W	W	-
June 2019	4,339.8	4,402.5	15,545.0	29,620.5	1,690.7	598.0	599.0	W	W	-
July 2018	4,419.4	4,491.8	15,824.6	29,040.5	3,676.2	631.6	632.5	W	W	-
Alaska										
July 2019	W	W	74.7	483.0	W	W	W	W	W	-
June 2019	W	W	76.5	W	W	W	W	W	W	-
July 2018	W	W	72.2	W	W	W	W	W	W	-
Arizona										
July 2019	W	314.6	1,185.9	4,105.8	-	W	W	W	W	-
June 2019	W	W	W	4,041.2	W	W	W	W	W	-
July 2018	W	W	W	4,135.1	W	W	W	W	W	-
California										
July 2019	3,099.4	3,100.4	W	14,024.7	W	508.2	508.3	116.6	150.0	-
June 2019	3,165.6	3,166.8	11,643.0	14,673.7	1,304.3	513.3	513.3	120.7	146.6	-
July 2018	3,201.3	3,202.7	11,841.4	14,112.8	2,403.9	537.7	537.9	151.5	178.6	-
Hawaii										
July 2019	W	W	W	W	W	W	W	W	W	-
June 2019	W	W	W	W	W	W	W	W	W	-
July 2018	W	W	W	W	W	W	W	W	W	-
Nevada										
July 2019	W	W	W	W	-	W	W	W	W	-
June 2019	W	W	W	W	-	W	W	W	W	-
July 2018	W	W	W	1,567.6	W	W	W	W	W	-
Oregon										
July 2019	90.7	90.7	726.5	3,374.8	-	5.8	5.8	W	W	-
June 2019	90.1	90.1	734.6	3,379.8	-	5.9	5.9	W	W	-
July 2018	102.4	102.4	821.9	3,174.4	-	6.6	6.6	3.6	8.2	-
Washington										
July 2019	368.7	375.4	W	5,254.4	W	32.1	32.4	W	W	-
June 2019	361.6	367.9	W	5,391.7	W	31.5	31.7	W	W	-
July 2018	332.9	341.0	W	5,302.2	W	29.8	30.2	17.1	45.1	-

See footnotes at end of table.

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	Premium					All grades				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 4										
July 2019	W	W	W	W	-	W	W	W	W	-
June 2019	W	W	W	W	W	W	W	W	13,936.7	W
July 2018	W	W	W	W	W	W	536.6	W	14,396.0	W
Colorado										
July 2019	35.7	35.7	W	W	-	257.2	258.5	W	W	-
June 2019	W	31.9	W	W	-	223.9	225.5	W	W	-
July 2018	W	34.7	W	W	-	237.4	244.1	W	5,942.1	W
Idaho										
July 2019	W	W	-	292.9	-	W	W	-	1,873.5	-
June 2019	W	W	-	264.8	-	W	W	-	1,794.8	-
July 2018	W	W	-	285.0	-	W	W	-	1,870.2	-
Montana										
July 2019	W	W	-	332.6	-	W	W	-	1,883.1	-
June 2019	W	W	-	W	-	W	W	-	1,733.8	-
July 2018	W	W	-	W	-	W	W	-	1,879.2	-
Utah										
July 2019	W	W	W	W	-	W	W	W	W	-
June 2019	W	W	W	W	-	W	W	W	W	-
July 2018	W	W	W	W	W	W	W	W	3,484.4	W
Wyoming										
July 2019	W	W	-	197.5	-	W	16.3	-	1,226.1	-
June 2019	W	W	-	W	W	W	15.0	-	W	W
July 2018	W	W	-	W	-	W	16.8	-	1,220.1	-
PAD District 5										
July 2019	1,019.4	1,026.7	4,177.7	6,143.7	385.5	5,907.0	5,986.3	W	35,264.6	W
June 2019	1,032.0	1,038.7	4,269.9	W	W	5,969.8	6,040.1	W	36,054.3	W
July 2018	1,074.6	1,082.1	4,353.7	W	W	6,125.6	6,206.5	W	35,288.3	W
Alaska										
July 2019	W	W	W	39.1	-	W	W	89.3	W	W
June 2019	W	W	W	36.8	-	W	W	91.5	W	W
July 2018	W	W	W	37.7	W	W	W	87.5	W	W
Arizona										
July 2019	W	W	W	W	-	W	366.5	1,331.9	4,704.6	-
June 2019	W	W	148.1	W	W	W	W	W	4,634.5	W
July 2018	W	W	139.1	W	W	W	W	W	4,696.5	W
California										
July 2019	852.6	852.6	W	3,587.6	W	4,460.2	4,461.3	14,846.3	17,762.4	1,081.0
June 2019	866.4	866.4	3,487.3	3,718.2	333.5	4,545.3	4,546.5	15,251.0	18,538.5	1,637.8
July 2018	899.8	899.8	3,524.9	3,505.6	310.7	4,638.9	4,640.4	15,517.8	17,797.0	2,714.6
Hawaii										
July 2019	W	W	W	W	W	W	W	W	W	W
June 2019	W	W	W	W	W	W	W	W	W	W
July 2018	W	W	W	W	W	W	W	W	W	W
Nevada										
July 2019	W	W	W	W	-	W	W	W	W	-
June 2019	W	W	W	354.1	W	W	W	W	1,908.5	W
July 2018	W	W	W	W	-	W	W	W	1,932.5	W
Oregon										
July 2019	14.2	14.2	126.1	W	W	110.7	110.7	W	3,874.9	W
June 2019	14.1	14.1	127.8	W	W	110.2	110.2	W	3,818.9	W
July 2018	15.2	15.2	136.1	416.6	-	124.2	124.2	961.5	3,599.2	-
Washington										
July 2019	50.0	50.3	220.2	W	W	450.8	458.1	W	6,352.2	W
June 2019	48.8	49.1	226.9	W	W	441.9	448.6	W	6,472.3	W
July 2018	44.8	45.1	W	1,026.8	W	407.5	416.2	1,339.4	6,374.1	409.2

-- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2018 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state

thousand gallons per day

Geographic area month	Conventional				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
United States					
July 2019	15,089.8	15,447.0	4,381.2	196,996.8	9,073.0
June 2019	15,091.9	15,452.8	4,337.0	193,959.4	9,326.0
July 2018	14,693.1	15,016.1	4,536.5	191,939.5	16,604.0
PAD District 1					
July 2019	W	W	W	W	2,123.7
June 2019	W	W	W	50,875.0	W
July 2018	W	W	W	50,835.3	W
Subdistrict 1A					
July 2019	-	-	W	W	-
June 2019	-	-	W	W	-
July 2018	-	-	W	W	-
Connecticut					
July 2019	-	-	-	-	-
June 2019	-	-	-	-	-
July 2018	-	-	-	-	-
Maine					
July 2019	-	-	-	W	-
June 2019	-	-	-	W	-
July 2018	-	-	W	W	-
Massachusetts					
July 2019	-	-	-	-	-
June 2019	-	-	-	-	-
July 2018	-	-	-	-	-
New Hampshire					
July 2019	-	-	W	-	-
June 2019	-	-	W	-	-
July 2018	-	-	W	W	-
Rhode Island					
July 2019	-	-	-	-	-
June 2019	-	-	-	-	-
July 2018	-	-	-	-	-
Vermont					
July 2019	-	-	W	W	-
June 2019	-	-	W	W	-
July 2018	-	-	W	W	-
Subdistrict 1B					
July 2019	W	W	W	6,534.5	W
June 2019	W	W	W	W	W
July 2018	W	W	W	W	W
Delaware					
July 2019	-	-	-	-	-
June 2019	-	-	-	-	-
July 2018	-	-	-	-	-
District of Columbia					
July 2019	-	-	-	-	-
June 2019	-	-	-	-	-
July 2018	-	-	-	-	-
Maryland					
July 2019	-	-	-	W	-
June 2019	-	-	-	W	-
July 2018	-	-	-	W	-
New Jersey					
July 2019	-	-	-	-	W
June 2019	-	-	-	-	W
July 2018	-	-	-	-	W
New York					
July 2019	W	W	W	W	-
June 2019	W	W	W	2,663.1	W
July 2018	W	W	W	2,951.5	W
Pennsylvania					
July 2019	W	W	-	W	W
June 2019	W	W	-	W	W
July 2018	W	W	-	W	W

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	Reformulated				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
United States					
July 2019	9,274.5	9,350.5	17,137.2	78,034.9	2,723.8
June 2019	9,417.0	9,496.1	17,600.8	79,262.2	3,319.1
July 2018	9,523.4	9,539.4	17,775.2	77,226.0	3,997.4
PAD District 1					
July 2019	W	W	W	W	W
June 2019	W	W	W	28,925.5	W
July 2018	W	W	W	29,038.4	W
Subdistrict 1A					
July 2019	W	W	W	W	W
June 2019	W	W	-	W	W
July 2018	W	W	W	W	W
Connecticut					
July 2019	-	W	-	W	W
June 2019	-	W	-	W	W
July 2018	-	W	W	2,705.4	W
Maine					
July 2019	-	-	-	W	-
June 2019	-	-	-	W	-
July 2018	-	-	-	W	-
Massachusetts					
July 2019	W	W	-	1,360.5	-
June 2019	W	W	-	1,347.7	-
July 2018	W	W	-	1,321.9	-
New Hampshire					
July 2019	W	W	W	W	-
June 2019	W	W	-	W	-
July 2018	W	W	-	W	-
Rhode Island					
July 2019	W	W	-	1,063.4	-
June 2019	W	W	-	1,046.3	-
July 2018	W	W	-	1,197.9	-
Vermont					
July 2019	-	-	-	-	-
June 2019	-	-	-	-	-
July 2018	-	-	-	-	-
Subdistrict 1B					
July 2019	W	W	W	18,763.4	W
June 2019	W	W	W	W	W
July 2018	W	W	W	W	W
Delaware					
July 2019	W	W	-	1,356.4	-
June 2019	W	W	-	1,159.6	-
July 2018	W	W	-	1,215.6	-
District of Columbia					
July 2019	-	-	-	-	-
June 2019	-	-	-	-	-
July 2018	-	-	-	-	-
Maryland					
July 2019	-	-	-	W	-
June 2019	-	-	-	W	-
July 2018	-	-	-	W	-
New Jersey					
July 2019	W	W	W	8,332.4	W
June 2019	W	W	W	W	W
July 2018	W	W	W	W	W
New York					
July 2019	W	W	W	W	W
June 2019	W	W	W	3,282.6	W
July 2018	W	W	W	3,280.2	W
Pennsylvania					
July 2019	W	W	-	W	W
June 2019	W	W	-	W	W
July 2018	W	W	-	W	W

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	All formulations				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
United States					
July 2019	24,364.3	24,797.5	21,518.4	275,031.7	11,796.8
June 2019	24,508.9	24,949.0	21,937.8	273,221.6	12,645.0
July 2018	24,216.5	24,555.5	22,311.7	269,165.5	20,601.4
PAD District 1					
July 2019	7,992.9	8,166.9	W	80,583.6	W
June 2019	7,988.1	8,169.8	W	79,800.5	W
July 2018	7,856.9	7,965.1	W	79,873.7	W
Subdistrict 1A					
July 2019	W	W	W	6,162.7	W
June 2019	W	W	W	6,081.9	W
July 2018	W	W	W	6,141.3	W
Connecticut					
July 2019	-	W	-	W	W
June 2019	-	W	-	W	W
July 2018	-	W	W	2,705.4	W
Maine					
July 2019	-	-	-	829.1	-
June 2019	-	-	-	750.2	-
July 2018	-	-	W	W	-
Massachusetts					
July 2019	W	W	-	1,360.5	-
June 2019	W	W	-	1,347.7	-
July 2018	W	W	-	1,321.9	-
New Hampshire					
July 2019	W	W	W	W	-
June 2019	W	W	W	W	-
July 2018	W	W	W	W	-
Rhode Island					
July 2019	W	W	-	1,063.4	-
June 2019	W	W	-	1,046.3	-
July 2018	W	W	-	1,197.9	-
Vermont					
July 2019	-	-	W	W	-
June 2019	-	-	W	W	-
July 2018	-	-	W	W	-
Subdistrict 1B					
July 2019	4,497.3	4,497.3	W	25,297.8	W
June 2019	4,457.9	4,457.9	W	25,035.3	W
July 2018	4,220.5	4,220.5	W	25,371.9	W
Delaware					
July 2019	W	W	-	1,356.4	-
June 2019	W	W	-	1,159.6	-
July 2018	W	W	-	1,215.6	-
District of Columbia					
July 2019	-	-	-	-	-
June 2019	-	-	-	-	-
July 2018	-	-	-	-	-
Maryland					
July 2019	-	-	-	4,550.5	-
June 2019	-	-	-	4,491.8	-
July 2018	-	-	-	4,548.1	-
New Jersey					
July 2019	W	W	W	8,332.4	W
June 2019	W	W	W	W	996.6
July 2018	W	W	W	W	1,037.7
New York					
July 2019	2,893.5	2,893.5	W	W	W
June 2019	2,841.6	2,841.6	W	5,945.7	W
July 2018	2,613.6	2,613.6	W	6,231.7	W
Pennsylvania					
July 2019	W	W	-	W	W
June 2019	W	W	-	W	W
July 2018	W	W	-	W	W

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	Conventional				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
Subdistrict 1C					
July 2019	W	W	-	W	W
June 2019	W	W	-	44,239.1	443.0
July 2018	W	W	-	43,953.5	456.9
Florida					
July 2019	W	W	-	15,947.3	-
June 2019	W	W	-	W	W
July 2018	W	W	-	15,387.8	-
Georgia					
July 2019	W	W	-	9,474.4	-
June 2019	W	W	-	9,370.2	-
July 2018	W	W	-	W	W
North Carolina					
July 2019	W	W	-	W	W
June 2019	W	W	-	W	W
July 2018	W	W	-	W	W
South Carolina					
July 2019	W	W	-	4,967.0	-
June 2019	W	W	-	4,814.2	-
July 2018	W	W	-	W	W
Virginia					
July 2019	-	-	-	W	W
June 2019	-	-	-	W	W
July 2018	-	-	-	W	W
West Virginia					
July 2019	W	W	-	W	W
June 2019	W	W	-	W	W
July 2018	W	W	-	W	W
PAD District 2					
July 2019	W	W	-	W	W
June 2019	W	W	-	W	W
July 2018	W	W	-	W	W
Illinois					
July 2019	W	W	-	3,857.3	-
June 2019	W	W	-	W	W
July 2018	W	W	-	W	W
Indiana					
July 2019	W	W	-	W	W
June 2019	W	W	-	W	W
July 2018	W	W	-	W	W
Iowa					
July 2019	-	-	-	3,218.4	-
June 2019	-	-	-	3,326.8	-
July 2018	-	W	-	2,836.6	-
Kansas					
July 2019	W	W	-	W	W
June 2019	W	W	-	W	W
July 2018	W	W	-	4,434.9	1,002.6
Kentucky					
July 2019	W	W	-	3,226.8	-
June 2019	W	W	-	3,047.5	-
July 2018	W	W	-	W	W
Michigan					
July 2019	W	W	-	W	W
June 2019	W	W	-	W	W
July 2018	W	W	-	W	W
Minnesota					
July 2019	W	W	-	W	W
June 2019	W	W	-	W	W
July 2018	W	W	-	W	W
Missouri					
July 2019	-	W	-	3,114.7	-
June 2019	-	W	-	2,971.0	-
July 2018	-	W	-	3,163.6	-

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	Reformulated				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
Subdistrict 1C					
July 2019	-	W	-	W	-
June 2019	-	W	-	4,444.3	-
July 2018	-	-	-	4,407.1	-
Florida					
July 2019	-	-	-	-	-
June 2019	-	-	-	-	-
July 2018	-	-	-	-	-
Georgia					
July 2019	-	-	-	-	-
June 2019	-	-	-	-	-
July 2018	-	-	-	-	-
North Carolina					
July 2019	-	-	-	-	-
June 2019	-	-	-	-	-
July 2018	-	-	-	-	-
South Carolina					
July 2019	-	-	-	-	-
June 2019	-	-	-	-	-
July 2018	-	-	-	-	-
Virginia					
July 2019	-	W	-	W	-
June 2019	-	W	-	4,444.3	-
July 2018	-	-	-	4,407.1	-
West Virginia					
July 2019	-	-	-	-	-
June 2019	-	-	-	-	-
July 2018	-	-	-	-	-
PAD District 2					
July 2019	W	W	-	W	W
June 2019	W	W	-	W	W
July 2018	W	W	-	W	W
Illinois					
July 2019	W	W	-	W	W
June 2019	W	W	-	W	W
July 2018	W	W	-	W	W
Indiana					
July 2019	W	W	-	W	-
June 2019	W	W	-	810.3	-
July 2018	W	W	-	945.8	-
Iowa					
July 2019	-	-	-	-	-
June 2019	-	-	-	-	-
July 2018	-	-	-	-	-
Kansas					
July 2019	-	-	-	-	-
June 2019	-	-	-	-	-
July 2018	-	-	-	-	-
Kentucky					
July 2019	W	W	-	698.6	-
June 2019	W	W	-	720.7	-
July 2018	W	W	-	700.7	-
Michigan					
July 2019	-	-	-	-	-
June 2019	-	-	-	-	-
July 2018	-	-	-	-	-
Minnesota					
July 2019	-	-	-	-	-
June 2019	-	-	-	-	-
July 2018	-	-	-	-	-
Missouri					
July 2019	-	-	-	793.3	NA
June 2019	-	-	-	W	W
July 2018	-	-	-	W	W

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	All formulations				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
Subdistrict 1C					
July 2019	W	W	-	49,123.1	381.4
June 2019	W	W	-	48,683.4	443.0
July 2018	W	W	-	48,360.5	456.9
Florida					
July 2019	W	W	-	15,947.3	-
June 2019	W	W	-	W	W
July 2018	W	W	-	15,387.8	-
Georgia					
July 2019	W	W	-	9,474.4	-
June 2019	W	W	-	9,370.2	-
July 2018	W	W	-	W	W
North Carolina					
July 2019	W	W	-	W	W
June 2019	W	W	-	W	W
July 2018	W	W	-	W	W
South Carolina					
July 2019	W	W	-	4,967.0	-
June 2019	W	W	-	4,814.2	-
July 2018	W	W	-	W	W
Virginia					
July 2019	-	W	-	W	W
June 2019	-	W	-	W	W
July 2018	-	-	-	W	W
West Virginia					
July 2019	W	W	-	W	W
June 2019	W	W	-	W	W
July 2018	W	W	-	W	W
PAD District 2					
July 2019	W	W	-	88,134.8	1,600.1
June 2019	W	W	-	87,249.4	1,514.8
July 2018	W	8,707.4	-	85,273.0	1,954.0
Illinois					
July 2019	W	W	-	W	W
June 2019	W	W	-	W	W
July 2018	W	W	-	12,009.5	69.6
Indiana					
July 2019	W	W	-	6,569.6	77.2
June 2019	W	W	-	W	W
July 2018	W	W	-	W	W
Iowa					
July 2019	-	-	-	3,218.4	-
June 2019	-	-	-	3,326.8	-
July 2018	-	W	-	2,836.6	-
Kansas					
July 2019	W	W	-	W	W
June 2019	W	W	-	W	W
July 2018	W	W	-	4,434.9	1,002.6
Kentucky					
July 2019	W	W	-	3,925.5	-
June 2019	W	W	-	3,768.2	-
July 2018	W	W	-	W	W
Michigan					
July 2019	W	W	-	W	W
June 2019	W	W	-	W	W
July 2018	W	W	-	W	W
Minnesota					
July 2019	W	W	-	W	W
June 2019	W	W	-	W	W
July 2018	W	W	-	W	W
Missouri					
July 2019	-	W	-	3,908.0	NA
June 2019	-	W	-	W	W
July 2018	-	W	-	W	W

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	Conventional				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 2 (cont.)					
Nebraska					
July 2019	W	W	-	1,768.9	-
June 2019	W	W	-	1,741.6	-
July 2018	W	W	-	1,720.1	-
North Dakota					
July 2019	W	W	-	1,177.8	-
June 2019	W	W	-	1,095.5	-
July 2018	W	W	-	1,033.5	-
Ohio					
July 2019	W	W	-	W	W
June 2019	W	W	-	W	W
July 2018	W	W	-	W	W
Oklahoma					
July 2019	W	W	-	4,518.5	407.8
June 2019	W	W	-	4,398.3	312.2
July 2018	W	W	-	4,664.4	556.2
South Dakota					
July 2019	W	W	-	1,244.4	-
June 2019	W	W	-	1,140.6	-
July 2018	W	W	-	1,160.9	-
Tennessee					
July 2019	W	W	-	10,674.2	-
June 2019	W	W	-	10,517.7	-
July 2018	W	W	-	10,066.2	-
Wisconsin					
July 2019	W	W	-	4,562.3	-
June 2019	W	W	-	4,404.5	-
July 2018	W	54.7	-	4,481.0	-
PAD District 3					
July 2019	1,143.8	1,209.5	W	W	4,859.8
June 2019	1,135.7	1,201.4	W	39,803.3	W
July 2018	1,103.3	W	W	38,949.6	W
Alabama					
July 2019	W	W	-	5,863.2	-
June 2019	W	W	-	5,753.5	-
July 2018	-	W	-	W	W
Arkansas					
July 2019	-	-	-	3,303.6	-
June 2019	-	-	-	3,275.2	-
July 2018	-	-	-	3,251.4	-
Louisiana					
July 2019	-	W	-	6,351.1	1,245.6
June 2019	-	W	-	6,449.0	1,798.0
July 2018	-	W	-	6,395.0	2,471.5
Mississippi					
July 2019	-	-	-	W	W
June 2019	-	-	-	W	W
July 2018	-	-	-	3,205.1	1,368.6
New Mexico					
July 2019	537.0	550.4	W	W	-
June 2019	517.8	529.4	W	W	-
July 2018	488.6	501.9	W	W	-
Texas					
July 2019	W	W	W	W	W
June 2019	W	W	W	W	W
July 2018	NA	W	W	W	W

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	Reformulated				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 2 (cont.)					
Nebraska					
July 2019	-	-	-	-	-
June 2019	-	-	-	-	-
July 2018	-	-	-	-	-
North Dakota					
July 2019	-	-	-	-	-
June 2019	-	-	-	-	-
July 2018	-	-	-	-	-
Ohio					
July 2019	-	-	-	-	-
June 2019	-	-	-	-	-
July 2018	-	-	-	-	-
Oklahoma					
July 2019	-	-	-	-	-
June 2019	-	-	-	-	-
July 2018	-	-	-	-	-
South Dakota					
July 2019	-	-	-	-	-
June 2019	-	-	-	-	-
July 2018	-	-	-	-	-
Tennessee					
July 2019	-	-	-	-	-
June 2019	-	-	-	-	-
July 2018	-	-	-	-	-
Wisconsin					
July 2019	W	W	-	1,720.3	-
June 2019	W	W	-	1,638.0	-
July 2018	W	W	-	1,567.4	-
PAD District 3					
July 2019	-	-	-	16,105.9	-
June 2019	-	-	-	16,377.4	-
July 2018	-	W	-	15,385.0	-
Alabama					
July 2019	-	-	-	-	-
June 2019	-	-	-	-	-
July 2018	-	-	-	-	-
Arkansas					
July 2019	-	-	-	-	-
June 2019	-	-	-	-	-
July 2018	-	-	-	-	-
Louisiana					
July 2019	-	-	-	-	-
June 2019	-	-	-	-	-
July 2018	-	-	-	-	-
Mississippi					
July 2019	-	-	-	-	-
June 2019	-	-	-	-	-
July 2018	-	-	-	-	-
New Mexico					
July 2019	-	-	-	-	-
June 2019	-	-	-	-	-
July 2018	-	-	-	-	-
Texas					
July 2019	-	-	-	W	-
June 2019	-	-	-	W	-
July 2018	-	W	-	W	-

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	All formulations				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 2 (cont.)					
Nebraska					
July 2019	W	W	-	1,768.9	-
June 2019	W	W	-	1,741.6	-
July 2018	W	W	-	1,720.1	-
North Dakota					
July 2019	W	W	-	1,177.8	-
June 2019	W	W	-	1,095.5	-
July 2018	W	W	-	1,033.5	-
Ohio					
July 2019	W	W	-	W	W
June 2019	W	W	-	W	W
July 2018	W	W	-	W	W
Oklahoma					
July 2019	W	W	-	4,518.5	407.8
June 2019	W	W	-	4,398.3	312.2
July 2018	W	W	-	4,664.4	556.2
South Dakota					
July 2019	W	W	-	1,244.4	-
June 2019	W	W	-	1,140.6	-
July 2018	W	W	-	1,160.9	-
Tennessee					
July 2019	W	W	-	10,674.2	-
June 2019	W	W	-	10,517.7	-
July 2018	W	W	-	10,066.2	-
Wisconsin					
July 2019	W	W	-	6,282.6	-
June 2019	W	W	-	6,042.5	-
July 2018	W	W	-	6,048.3	-
PAD District 3					
July 2019	1,143.8	1,209.5	W	W	4,859.8
June 2019	1,135.7	1,201.4	W	56,180.6	W
July 2018	1,103.3	1,139.9	W	54,334.6	W
Alabama					
July 2019	W	W	-	5,863.2	-
June 2019	W	W	-	5,753.5	-
July 2018	-	W	-	W	W
Arkansas					
July 2019	-	-	-	3,303.6	-
June 2019	-	-	-	3,275.2	-
July 2018	-	-	-	3,251.4	-
Louisiana					
July 2019	-	W	-	6,351.1	1,245.6
June 2019	-	W	-	6,449.0	1,798.0
July 2018	-	W	-	6,395.0	2,471.5
Mississippi					
July 2019	-	-	-	W	W
June 2019	-	-	-	W	W
July 2018	-	-	-	3,205.1	1,368.6
New Mexico					
July 2019	537.0	550.4	W	W	-
June 2019	517.8	529.4	W	W	-
July 2018	488.6	501.9	W	W	-
Texas					
July 2019	W	W	W	35,935.1	W
June 2019	W	W	W	35,848.5	W
July 2018	NA	NA	W	34,393.4	W

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	Conventional				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 4					
July 2019	W	W	W	W	-
June 2019	W	W	W	13,936.7	W
July 2018	W	536.6	W	14,396.0	W
Colorado					
July 2019	257.2	258.5	W	W	-
June 2019	223.9	225.5	W	W	-
July 2018	237.4	244.1	W	5,942.1	W
Idaho					
July 2019	W	W	-	1,873.5	-
June 2019	W	W	-	1,794.8	-
July 2018	W	W	-	1,870.2	-
Montana					
July 2019	W	W	-	1,883.1	-
June 2019	W	W	-	1,733.8	-
July 2018	W	W	-	1,879.2	-
Utah					
July 2019	W	W	W	W	-
June 2019	W	W	W	W	-
July 2018	W	W	W	3,484.4	W
Wyoming					
July 2019	W	16.3	-	1,226.1	-
June 2019	W	15.0	-	W	W
July 2018	W	16.8	-	1,220.1	-
PAD District 5					
July 2019	1,446.8	1,523.5	3,662.8	W	W
June 2019	1,424.5	1,491.7	W	W	W
July 2018	1,486.7	1,564.6	W	W	W
Alaska					
July 2019	W	W	89.3	W	W
June 2019	W	W	91.5	W	W
July 2018	W	W	87.5	W	W
Arizona					
July 2019	W	W	W	W	-
June 2019	W	W	W	W	-
July 2018	W	W	291.6	W	-
California					
July 2019	-	-	-	-	W
June 2019	-	-	-	-	W
July 2018	-	-	-	-	W
Hawaii					
July 2019	W	W	W	W	W
June 2019	W	W	W	W	W
July 2018	W	W	W	W	W
Nevada					
July 2019	W	W	W	W	-
June 2019	W	W	W	1,908.5	W
July 2018	W	W	W	1,932.5	W
Oregon					
July 2019	110.7	110.7	W	3,874.9	W
June 2019	110.2	110.2	W	3,818.9	W
July 2018	124.2	124.2	961.5	3,599.2	-
Washington					
July 2019	450.8	458.1	W	6,352.2	W
June 2019	441.9	448.6	W	6,472.3	W
July 2018	407.5	416.2	1,339.4	6,374.1	409.2

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	Reformulated				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 4					
July 2019	-	-	-	-	-
June 2019	-	-	-	-	-
July 2018	-	-	-	-	-
Colorado					
July 2019	-	-	-	-	-
June 2019	-	-	-	-	-
July 2018	-	-	-	-	-
Idaho					
July 2019	-	-	-	-	-
June 2019	-	-	-	-	-
July 2018	-	-	-	-	-
Montana					
July 2019	-	-	-	-	-
June 2019	-	-	-	-	-
July 2018	-	-	-	-	-
Utah					
July 2019	-	-	-	-	-
June 2019	-	-	-	-	-
July 2018	-	-	-	-	-
Wyoming					
July 2019	-	-	-	-	-
June 2019	-	-	-	-	-
July 2018	-	-	-	-	-
PAD District 5					
July 2019	4,460.2	4,462.7	W	W	W
June 2019	4,545.3	4,548.4	W	W	W
July 2018	4,638.9	4,641.9	W	W	W
Alaska					
July 2019	-	-	-	-	-
June 2019	-	-	-	-	-
July 2018	-	-	-	-	-
Arizona					
July 2019	-	W	W	W	-
June 2019	-	W	W	W	W
July 2018	-	W	W	W	W
California					
July 2019	4,460.2	W	14,846.3	17,762.4	W
June 2019	4,545.3	W	15,251.0	18,538.5	W
July 2018	4,638.9	W	15,517.8	17,797.0	W
Hawaii					
July 2019	-	-	-	-	-
June 2019	-	-	-	-	-
July 2018	-	-	-	-	-
Nevada					
July 2019	-	-	-	-	-
June 2019	-	-	-	-	-
July 2018	-	-	-	-	-
Oregon					
July 2019	-	-	-	-	-
June 2019	-	-	-	-	-
July 2018	-	-	-	-	-
Washington					
July 2019	-	-	-	-	-
June 2019	-	-	-	-	-
July 2018	-	-	-	-	-

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	All formulations				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 4					
July 2019	W	W	W	W	-
June 2019	W	W	W	13,936.7	W
July 2018	W	536.6	W	14,396.0	W
Colorado					
July 2019	257.2	258.5	W	W	-
June 2019	223.9	225.5	W	W	-
July 2018	237.4	244.1	W	5,942.1	W
Idaho					
July 2019	W	W	-	1,873.5	-
June 2019	W	W	-	1,794.8	-
July 2018	W	W	-	1,870.2	-
Montana					
July 2019	W	W	-	1,883.1	-
June 2019	W	W	-	1,733.8	-
July 2018	W	W	-	1,879.2	-
Utah					
July 2019	W	W	W	W	-
June 2019	W	W	W	W	-
July 2018	W	W	W	3,484.4	W
Wyoming					
July 2019	W	16.3	-	1,226.1	-
June 2019	W	15.0	-	W	W
July 2018	W	16.8	-	1,220.1	-
PAD District 5					
July 2019	5,907.0	5,986.3	W	35,264.6	W
June 2019	5,969.8	6,040.1	W	36,054.3	W
July 2018	6,125.6	6,206.5	W	35,288.3	W
Alaska					
July 2019	W	W	89.3	W	W
June 2019	W	W	91.5	W	W
July 2018	W	W	87.5	W	W
Arizona					
July 2019	W	366.5	1,331.9	4,704.6	-
June 2019	W	W	W	4,634.5	W
July 2018	W	W	W	4,696.5	W
California					
July 2019	4,460.2	4,461.3	14,846.3	17,762.4	1,081.0
June 2019	4,545.3	4,546.5	15,251.0	18,538.5	1,637.8
July 2018	4,638.9	4,640.4	15,517.8	17,797.0	2,714.6
Hawaii					
July 2019	W	W	W	W	W
June 2019	W	W	W	W	W
July 2018	W	W	W	W	W
Nevada					
July 2019	W	W	W	W	-
June 2019	W	W	W	1,908.5	W
July 2018	W	W	W	1,932.5	W
Oregon					
July 2019	110.7	110.7	W	3,874.9	W
June 2019	110.2	110.2	W	3,818.9	W
July 2018	124.2	124.2	961.5	3,599.2	-
Washington					
July 2019	450.8	458.1	W	6,352.2	W
June 2019	441.9	448.6	W	6,472.3	W
July 2018	407.5	416.2	1,339.4	6,374.1	409.2

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Beginning January 2007, oxygenated gasoline is included in conventional gasoline. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2018 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report.

Table 41. Refiner volumes of aviation fuels, kerosene, No. 1 distillate, and propane (consumer grade) by PAD District and state

thousand gallons per day

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene		No. 1 distillate		Propane (consumer grade)	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
United States										
July 2019	W	631.8	33,870.5	43,811.2	1.5	1,606.4	31.6	140.8	2,140.4	28,052.2
June 2019	W	444.1	32,938.7	42,486.1	1.7	1,241.2	41.3	127.5	2,941.8	26,238.9
July 2018	W	580.1	33,211.8	42,662.7	W	761.7	W	139.5	3,064.0	19,253.4
PAD District 1										
July 2019	W	160.5	6,126.0	8,389.0	W	293.0	-	W	-	2,801.5
June 2019	W	145.2	5,573.9	8,161.4	W	214.5	-	W	-	3,037.3
July 2018	W	142.6	5,724.9	7,287.1	W	110.2	-	W	W	3,530.4
Subdistrict 1A										
July 2019	W	W	201.2	816.9	W	W	-	-	-	217.5
June 2019	W	W	206.2	623.4	W	-	-	-	-	257.9
July 2018	W	W	169.2	600.3	W	-	-	-	W	410.2
Connecticut										
July 2019	-	-	W	W	-	W	-	-	-	17.3
June 2019	-	-	W	W	-	-	-	-	-	23.0
July 2018	-	-	W	W	-	-	-	-	-	59.1
Maine										
July 2019	W	W	W	W	-	-	-	-	-	75.2
June 2019	W	W	W	W	-	-	-	-	-	87.1
July 2018	W	W	W	W	-	-	-	-	W	132.3
Massachusetts										
July 2019	-	-	W	769.7	W	-	-	-	-	W
June 2019	-	-	W	570.8	W	-	-	-	-	W
July 2018	-	-	W	539.6	W	-	-	-	-	56.0
New Hampshire										
July 2019	-	-	W	W	W	-	-	-	-	W
June 2019	-	-	W	W	W	-	-	-	-	W
July 2018	-	-	W	W	W	-	-	-	-	W
Rhode Island										
July 2019	-	-	W	W	W	-	-	-	-	W
June 2019	-	-	W	W	W	-	-	-	-	W
July 2018	-	-	W	W	W	-	-	-	-	W
Vermont										
July 2019	-	-	W	W	-	-	-	-	-	W
June 2019	W	-	W	W	-	-	-	-	-	W
July 2018	W	-	W	W	-	-	-	-	W	95.0
Subdistrict 1B										
July 2019	W	W	2,716.9	5,979.9	0.7	285.6	-	-	-	1,265.5
June 2019	-	W	2,475.5	5,762.8	0.8	W	-	-	-	1,422.6
July 2018	-	W	2,733.1	5,231.7	W	W	-	-	-	1,592.7
Delaware										
July 2019	-	-	-	W	W	W	-	-	-	W
June 2019	-	-	-	-	W	W	-	-	-	W
July 2018	-	-	-	-	W	-	-	-	-	W
District of Columbia										
July 2019	-	-	-	-	-	-	-	-	-	-
June 2019	-	-	-	-	-	-	-	-	-	-
July 2018	-	-	-	-	-	-	-	-	-	-
Maryland										
July 2019	-	-	W	W	-	W	-	-	-	W
June 2019	-	-	W	W	-	W	-	-	-	W
July 2018	-	-	W	80.0	-	W	-	-	-	W
New Jersey										
July 2019	-	W	1,090.7	3,748.5	W	W	-	-	-	203.2
June 2019	-	W	831.5	3,513.6	W	W	-	-	-	317.5
July 2018	-	W	1,065.8	3,124.9	W	W	-	-	-	265.3
New York										
July 2019	-	W	1,314.1	59.2	W	1.9	-	-	-	217.1
June 2019	-	W	1,323.3	W	W	W	-	-	-	206.6
July 2018	-	W	1,373.9	91.0	W	38.3	-	-	-	204.6
Pennsylvania										
July 2019	W	W	W	2,083.7	0.5	-	-	-	-	707.4
June 2019	-	W	W	2,106.8	0.4	-	-	-	-	775.7
July 2018	-	W	W	1,935.8	W	W	-	-	-	903.9

See footnotes at end of table.

Table 41. Refiner volumes of aviation fuels, kerosene, No. 1 distillate, and propane (consumer grade) by PAD District and state (cont.)

thousand gallons per day

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene		No. 1 distillate		Propane (consumer grade)	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
Subdistrict 1C										
July 2019	W	105.7	3,208.0	1,592.2	W	W	-	W	-	1,318.6
June 2019	W	94.1	2,892.2	1,775.3	W	W	-	W	-	1,356.7
July 2018	W	96.2	2,822.7	1,455.1	W	W	-	W	-	1,527.5
Florida										
July 2019	-	72.4	2,136.8	1,128.3	W	-	-	-	-	262.7
June 2019	-	65.9	1,782.9	1,292.7	W	-	-	-	-	261.9
July 2018	-	69.9	1,875.5	1,096.9	W	-	-	-	-	310.9
Georgia										
July 2019	W	W	W	152.6	-	-	-	W	-	235.5
June 2019	W	W	W	104.7	-	-	-	W	-	240.4
July 2018	W	W	W	54.8	-	W	-	W	-	300.5
North Carolina										
July 2019	-	W	W	152.6	W	W	-	-	-	218.4
June 2019	-	W	W	170.4	W	W	-	-	-	276.3
July 2018	-	W	W	W	W	W	-	-	-	382.6
South Carolina										
July 2019	-	-	W	88.2	W	W	-	-	-	284.9
June 2019	-	-	W	105.2	W	W	-	-	-	242.6
July 2018	-	-	W	73.1	W	W	-	-	-	279.7
Virginia										
July 2019	-	W	558.4	W	-	W	-	-	-	W
June 2019	-	W	551.5	W	-	-	-	-	-	W
July 2018	-	W	460.6	W	-	-	-	-	-	83.9
West Virginia										
July 2019	-	-	-	W	W	-	-	-	-	W
June 2019	-	-	-	W	W	-	-	-	-	W
July 2018	-	-	W	W	W	-	-	-	-	169.8
PAD District 2										
July 2019	W	W	6,198.9	5,606.8	W	W	5.0	57.0	W	7,448.3
June 2019	W	109.8	6,383.0	5,237.9	W	W	W	48.2	W	7,609.0
July 2018	W	140.7	5,953.3	5,641.1	W	11.3	W	57.0	W	6,004.5
Illinois										
July 2019	NA	W	1,582.2	W	W	W	W	W	-	1,349.0
June 2019	W	W	1,566.4	W	W	W	W	5.5	-	1,227.1
July 2018	W	W	1,466.6	W	W	W	W	W	W	1,092.4
Indiana										
July 2019	-	-	856.7	429.2	W	W	-	W	-	354.4
June 2019	-	-	931.2	326.0	W	W	-	W	-	336.3
July 2018	-	-	1,175.8	254.7	W	W	-	W	-	296.0
Iowa										
July 2019	-	-	W	129.3	-	-	-	W	W	260.0
June 2019	-	-	W	92.7	-	-	-	3.6	-	233.9
July 2018	-	-	W	130.9	-	-	W	6.9	W	274.4
Kansas										
July 2019	NA	W	W	W	-	W	W	11.6	-	1,902.9
June 2019	W	W	W	W	-	W	-	8.1	-	2,968.1
July 2018	W	W	W	W	-	W	-	9.1	-	1,430.4
Kentucky										
July 2019	-	W	1,242.6	356.0	W	W	W	W	W	474.2
June 2019	W	W	1,098.9	W	W	W	W	W	W	371.2
July 2018	NA	W	939.0	554.4	W	W	-	W	-	416.8
Michigan										
July 2019	-	-	W	639.0	W	W	W	W	W	492.5
June 2019	-	-	W	499.1	W	W	W	5.7	W	192.3
July 2018	-	-	W	594.5	W	W	W	W	W	174.8
Minnesota										
July 2019	W	W	91.3	1,199.3	W	W	W	8.5	W	375.9
June 2019	W	W	108.8	1,260.1	W	W	W	9.6	W	340.1
July 2018	W	W	184.0	W	W	W	W	11.2	W	368.3
Missouri										
July 2019	W	W	W	W	-	-	W	W	W	185.3
June 2019	W	-	W	W	-	-	W	W	-	106.3
July 2018	W	-	W	W	-	-	W	W	-	159.6

See footnotes at end of table.

Table 41. Refiner volumes of aviation fuels, kerosene, No. 1 distillate, and propane (consumer grade) by PAD District and state (cont.)

thousand gallons per day

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene		No. 1 distillate		Propane (consumer grade)	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 2 (cont.)										
Nebraska										
July 2019	W	-	W	27.7	-	-	-	W	-	115.5
June 2019	W	-	W	W	-	-	-	W	-	72.2
July 2018	W	-	W	37.3	-	-	-	1.8	-	118.9
North Dakota										
July 2019	-	-	W	W	W	W	W	W	W	497.1
June 2019	-	-	W	W	-	-	W	W	W	423.0
July 2018	-	-	W	W	-	-	W	4.6	W	387.8
Ohio										
July 2019	W	-	421.5	398.3	W	W	-	W	-	601.9
June 2019	W	-	405.4	400.2	W	W	-	W	-	531.0
July 2018	W	W	414.6	528.1	W	W	-	W	-	501.1
Oklahoma										
July 2019	W	-	W	518.6	-	W	-	W	-	203.8
June 2019	W	-	W	302.8	-	W	-	W	W	195.5
July 2018	W	-	W	646.6	-	W	-	W	W	180.2
South Dakota										
July 2019	-	-	W	-	-	-	W	W	W	61.1
June 2019	-	-	W	-	-	-	W	W	W	73.4
July 2018	-	-	W	-	-	-	W	1.7	W	74.4
Tennessee										
July 2019	W	W	W	235.0	W	W	-	W	-	141.5
June 2019	-	15.3	W	220.4	W	W	-	-	-	109.4
July 2018	-	15.9	W	214.3	W	W	-	-	-	130.4
Wisconsin										
July 2019	-	-	W	20.0	W	W	-	W	W	433.1
June 2019	-	-	W	15.7	W	W	-	W	W	429.1
July 2018	-	-	28.8	W	W	W	W	W	W	399.2
PAD District 3										
July 2019	W	142.5	6,143.0	19,914.9	-	1,299.4	-	-	1,984.4	15,387.9
June 2019	W	94.4	5,352.0	19,277.1	-	1,011.8	-	-	2,827.4	13,246.2
July 2018	W	W	6,270.0	20,315.2	-	W	-	-	2,872.0	7,500.5
Alabama										
July 2019	-	W	146.4	70.0	-	W	-	-	-	128.8
June 2019	-	W	158.7	73.4	-	W	-	-	-	W
July 2018	-	-	68.8	171.5	-	W	-	-	-	129.5
Arkansas										
July 2019	W	W	W	W	-	-	-	-	-	W
June 2019	-	-	W	W	-	-	-	-	-	W
July 2018	W	-	W	W	-	-	-	-	-	W
Louisiana										
July 2019	W	4.1	818.5	5,135.6	-	W	-	-	W	166.9
June 2019	W	7.0	702.7	4,632.0	-	W	-	-	842.1	293.5
July 2018	-	5.8	833.0	6,183.1	-	W	-	-	W	140.9
Mississippi										
July 2019	-	W	1,182.1	1,281.3	-	-	-	-	-	355.6
June 2019	-	W	W	1,930.2	-	-	-	-	-	412.0
July 2018	-	W	1,179.8	948.9	-	-	-	-	-	347.3
New Mexico										
July 2019	W	-	W	W	-	-	-	-	-	W
June 2019	W	-	W	W	-	-	-	-	-	108.9
July 2018	W	-	W	W	-	-	-	-	-	W
Texas										
July 2019	W	W	3,922.4	13,326.7	-	W	-	-	W	14,624.0
June 2019	W	W	3,425.1	12,532.1	-	W	-	-	1,985.3	12,310.9
July 2018	W	W	4,104.1	12,877.9	-	3.3	-	-	W	6,746.9

See footnotes at end of table.

Table 41. Refiner volumes of aviation fuels, kerosene, No. 1 distillate, and propane (consumer grade) by PAD District and state (cont.)

thousand gallons per day

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene		No. 1 distillate		Propane (consumer grade)	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 4										
July 2019	W	W	977.0	1,260.0	-	-	W	W	W	932.9
June 2019	W	W	990.1	1,108.6	-	-	W	W	W	858.1
July 2018	W	W	1,183.8	1,310.3	-	-	W	W	W	687.0
Colorado										
July 2019	W	-	368.2	749.1	-	-	W	5.4	W	286.1
June 2019	W	-	345.4	710.0	-	-	W	3.5	W	235.8
July 2018	W	-	436.2	828.4	-	-	-	7.8	W	221.8
Idaho										
July 2019	-	-	W	33.2	-	-	W	W	W	27.0
June 2019	-	-	W	22.9	-	-	W	-	W	23.9
July 2018	-	-	W	42.9	-	-	W	W	W	W
Montana										
July 2019	W	W	W	W	-	-	W	4.2	W	153.1
June 2019	W	W	W	W	-	-	W	4.2	W	139.9
July 2018	W	W	W	W	-	-	W	5.0	W	135.1
Utah										
July 2019	-	W	406.0	331.3	-	-	-	W	-	72.6
June 2019	-	W	447.3	265.1	-	-	-	W	-	75.5
July 2018	W	W	517.8	313.9	-	-	-	-	-	W
Wyoming										
July 2019	-	-	W	W	-	-	-	0.7	-	394.1
June 2019	-	-	W	W	-	-	-	1.1	-	383.0
July 2018	-	-	W	W	-	-	-	1.2	-	202.4
PAD District 5										
July 2019	W	184.6	14,425.6	8,640.4	-	W	W	72.4	W	1,481.6
June 2019	W	W	14,639.6	8,701.1	-	W	W	68.6	W	1,488.3
July 2018	W	172.1	14,079.8	8,109.0	-	W	W	67.8	W	1,531.0
Alaska										
July 2019	W	W	W	W	-	-	W	W	W	W
June 2019	W	W	W	W	-	-	W	W	W	W
July 2018	W	W	W	W	-	-	W	W	W	W
Arizona										
July 2019	W	W	W	171.7	-	-	-	-	-	108.3
June 2019	W	W	W	W	-	-	-	-	-	111.1
July 2018	W	W	104.1	258.2	-	-	-	-	-	121.5
California										
July 2019	W	124.9	8,228.3	6,424.4	-	W	-	-	-	917.5
June 2019	W	28.9	8,510.7	6,673.8	-	W	-	-	-	886.2
July 2018	W	W	8,243.7	6,162.5	-	W	-	-	-	827.1
Hawaii										
July 2019	-	-	W	W	-	-	-	-	-	W
June 2019	-	-	W	W	-	-	-	-	-	W
July 2018	-	W	W	W	-	-	-	-	-	W
Nevada										
July 2019	-	-	W	W	-	-	-	-	-	W
June 2019	-	-	W	W	-	-	-	-	-	22.3
July 2018	-	-	W	W	-	-	-	-	-	48.6
Oregon										
July 2019	-	26.4	599.8	78.9	-	-	-	NA	W	W
June 2019	-	18.0	540.5	W	-	-	-	W	W	W
July 2018	-	23.4	619.4	87.3	-	-	-	W	W	W
Washington										
July 2019	-	W	2,346.5	658.7	-	-	W	W	W	369.7
June 2019	-	W	2,395.9	451.7	-	-	-	W	W	384.9
July 2018	-	W	2,395.4	332.1	-	-	-	W	W	415.6

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2018 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report.

Table 42. Refiner No. 2 diesel fuel volumes by PAD District and state
thousand gallons per day

Geographic area month	No. 2 diesel fuel					
	Ultra-low sulfur		Low-sulfur		High-sulfur	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
United States						
July 2019	12,275.3	159,877.1	W	-	W	1,237.3
June 2019	11,551.4	166,877.8	W	W	W	W
July 2018	12,113.4	151,712.1	W	W	W	W
PAD District 1						
July 2019	W	31,194.7	-	-	-	W
June 2019	1,569.9	W	-	-	-	W
July 2018	W	W	-	-	-	W
Subdistrict 1A						
July 2019	W	1,329.8	-	-	-	-
June 2019	W	1,638.2	-	-	-	-
July 2018	W	945.6	-	-	-	-
Connecticut						
July 2019	W	W	-	-	-	-
June 2019	W	W	-	-	-	-
July 2018	W	W	-	-	-	-
Maine						
July 2019	-	W	-	-	-	-
June 2019	-	173.9	-	-	-	-
July 2018	-	W	-	-	-	-
Massachusetts						
July 2019	W	W	-	-	-	-
June 2019	W	W	-	-	-	-
July 2018	W	W	-	-	-	-
New Hampshire						
July 2019	W	W	-	-	-	-
June 2019	W	W	-	-	-	-
July 2018	W	W	-	-	-	-
Rhode Island						
July 2019	W	245.1	-	-	-	-
June 2019	W	W	-	-	-	-
July 2018	W	W	-	-	-	-
Vermont						
July 2019	-	W	-	-	-	-
June 2019	-	W	-	-	-	-
July 2018	W	W	-	-	-	-
Subdistrict 1B						
July 2019	W	W	-	-	-	W
June 2019	W	W	-	-	-	W
July 2018	W	W	-	-	-	W
Delaware						
July 2019	W	W	-	-	-	-
June 2019	W	W	-	-	-	-
July 2018	W	W	-	-	-	-
District of Columbia						
July 2019	-	W	-	-	-	-
June 2019	-	W	-	-	-	-
July 2018	-	W	-	-	-	-
Maryland						
July 2019	-	W	-	-	-	W
June 2019	-	W	-	-	-	W
July 2018	-	W	-	-	-	W
New Jersey						
July 2019	158.8	W	-	-	-	W
June 2019	164.6	W	-	-	-	W
July 2018	160.9	W	-	-	-	W
New York						
July 2019	223.2	W	-	-	-	W
June 2019	204.5	W	-	-	-	W
July 2018	184.5	W	-	-	-	W
Pennsylvania						
July 2019	W	5,080.5	-	-	-	-
June 2019	201.4	6,048.9	-	-	-	-
July 2018	W	7,267.7	-	-	-	-

See footnotes at end of table.

Table 42. Refiner No. 2 diesel fuel volumes by PAD District and state (cont.)

thousand gallons per day

Geographic area month	No. 2 diesel fuel					
	Ultra-low sulfur		Low-sulfur		High-sulfur	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
Subdistrict 1C						
July 2019	999.1	W	-	-	-	-
June 2019	W	15,689.5	-	-	-	-
July 2018	865.4	14,449.5	-	-	-	-
Florida						
July 2019	211.2	4,525.3	-	-	-	-
June 2019	217.3	5,025.5	-	-	-	-
July 2018	257.7	4,214.5	-	-	-	-
Georgia						
July 2019	62.5	2,607.4	-	-	-	-
June 2019	51.8	2,601.0	-	-	-	-
July 2018	87.2	2,525.0	-	-	-	-
North Carolina						
July 2019	412.0	W	-	-	-	-
June 2019	378.7	W	-	-	-	-
July 2018	391.9	W	-	-	-	-
South Carolina						
July 2019	48.2	1,588.7	-	-	-	-
June 2019	W	1,560.6	-	-	-	-
July 2018	46.6	1,445.1	-	-	-	-
Virginia						
July 2019	W	2,414.3	-	-	-	-
June 2019	7.7	2,514.1	-	-	-	-
July 2018	W	W	-	-	-	-
West Virginia						
July 2019	W	W	-	-	-	-
June 2019	W	W	-	-	-	-
July 2018	W	W	-	-	-	-
PAD District 2						
July 2019	W	47,012.5	-	-	-	-
June 2019	W	48,281.6	-	-	-	-
July 2018	W	W	-	-	-	-
Illinois						
July 2019	324.9	6,896.6	-	-	-	-
June 2019	350.4	7,370.9	-	-	-	-
July 2018	345.4	6,233.4	-	-	-	-
Indiana						
July 2019	W	3,787.8	-	-	-	-
June 2019	W	4,347.6	-	-	-	-
July 2018	W	3,286.5	-	-	-	-
Iowa						
July 2019	26.5	1,907.0	-	-	-	-
June 2019	18.1	1,977.4	-	-	-	-
July 2018	23.5	1,931.6	-	-	-	-
Kansas						
July 2019	579.8	4,029.9	-	-	-	-
June 2019	455.6	4,043.2	-	-	-	-
July 2018	465.4	3,376.5	-	-	-	-
Kentucky						
July 2019	429.6	1,868.8	-	-	-	-
June 2019	423.0	1,735.8	-	-	-	-
July 2018	435.9	W	-	-	-	-
Michigan						
July 2019	258.4	W	-	-	-	-
June 2019	248.1	2,642.8	-	-	-	-
July 2018	222.9	W	-	-	-	-
Minnesota						
July 2019	W	W	-	-	-	-
June 2019	W	W	-	-	-	-
July 2018	W	W	-	-	-	-
Missouri						
July 2019	1.5	1,596.6	-	-	-	-
June 2019	W	1,612.6	-	-	-	-
July 2018	4.2	1,728.6	-	-	-	-

See footnotes at end of table.

Table 42. Refiner No. 2 diesel fuel volumes by PAD District and state (cont.)

thousand gallons per day

Geographic area month	No. 2 diesel fuel					
	Ultra-low sulfur		Low-sulfur		High-sulfur	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 2 (cont.)						
Nebraska						
July 2019	W	1,527.0	-	-	-	-
June 2019	W	1,420.5	-	-	-	-
July 2018	W	1,513.9	-	-	-	-
North Dakota						
July 2019	396.1	1,561.2	-	-	-	-
June 2019	375.8	1,616.3	-	-	-	-
July 2018	W	1,750.7	-	-	-	-
Ohio						
July 2019	609.1	5,662.6	-	-	-	-
June 2019	622.7	5,841.3	-	-	-	-
July 2018	697.9	4,978.6	-	-	-	-
Oklahoma						
July 2019	230.3	6,280.4	-	-	-	-
June 2019	148.9	5,962.8	-	-	-	-
July 2018	W	6,708.3	-	-	-	-
South Dakota						
July 2019	W	704.5	-	-	-	-
June 2019	W	757.6	-	-	-	-
July 2018	W	671.8	-	-	-	-
Tennessee						
July 2019	341.5	3,597.5	-	-	-	-
June 2019	327.0	3,677.0	-	-	-	-
July 2018	297.1	3,302.9	-	-	-	-
Wisconsin						
July 2019	65.9	W	-	-	-	-
June 2019	W	W	-	-	-	-
July 2018	W	W	-	-	-	-
PAD District 3						
July 2019	2,875.5	52,827.6	-	-	-	438.7
June 2019	2,567.8	W	-	W	-	977.9
July 2018	W	W	W	W	-	822.1
Alabama						
July 2019	158.4	1,945.5	-	-	-	-
June 2019	178.9	W	-	-	-	-
July 2018	143.0	1,674.5	-	-	-	-
Arkansas						
July 2019	W	1,602.8	-	-	-	-
June 2019	W	1,524.1	-	-	-	-
July 2018	W	1,753.0	-	-	-	-
Louisiana						
July 2019	173.1	12,088.7	-	-	-	W
June 2019	163.4	13,437.2	-	-	-	W
July 2018	306.8	W	-	W	-	W
Mississippi						
July 2019	43.1	1,794.3	-	-	-	-
June 2019	33.4	1,657.9	-	W	-	-
July 2018	39.5	2,445.4	-	-	-	-
New Mexico						
July 2019	271.4	1,073.3	-	-	-	-
June 2019	297.8	1,155.1	-	-	-	-
July 2018	368.2	1,239.8	-	-	-	-
Texas						
July 2019	W	34,323.1	-	-	-	W
June 2019	W	W	-	-	-	W
July 2018	1,852.4	31,407.6	W	W	-	W

See footnotes at end of table.

Table 42. Refiner No. 2 diesel fuel volumes by PAD District and state (cont.)

thousand gallons per day

Geographic area month	No. 2 diesel fuel					
	Ultra-low sulfur		Low-sulfur		High-sulfur	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 4						
July 2019	W	8,141.8	-	-	-	-
June 2019	W	W	-	-	-	-
July 2018	W	6,863.0	-	-	-	-
Colorado						
July 2019	224.6	2,422.2	-	-	-	-
June 2019	226.3	W	-	-	-	-
July 2018	234.3	2,116.2	-	-	-	-
Idaho						
July 2019	W	842.5	-	-	-	-
June 2019	W	1,003.2	-	-	-	-
July 2018	W	692.5	-	-	-	-
Montana						
July 2019	W	1,208.4	-	-	-	-
June 2019	120.6	1,165.7	-	-	-	-
July 2018	W	1,321.1	-	-	-	-
Utah						
July 2019	W	2,052.0	-	-	-	-
June 2019	W	2,010.9	-	-	-	-
July 2018	W	1,448.7	-	-	-	-
Wyoming						
July 2019	286.1	1,616.6	-	-	-	-
June 2019	373.6	1,557.5	-	-	-	-
July 2018	300.4	1,284.4	-	-	-	-
PAD District 5						
July 2019	W	20,700.4	W	-	W	W
June 2019	W	20,126.8	W	-	W	W
July 2018	W	22,550.5	W	-	W	W
Alaska						
July 2019	W	W	-	-	-	-
June 2019	W	W	-	-	-	-
July 2018	W	W	-	-	-	-
Arizona						
July 2019	484.2	738.8	-	-	-	-
June 2019	460.1	714.3	-	-	-	-
July 2018	W	1,060.9	-	-	-	-
California						
July 2019	1,198.0	W	-	-	-	W
June 2019	1,098.6	W	-	-	-	W
July 2018	1,132.0	W	-	-	-	W
Hawaii						
July 2019	W	W	W	-	W	W
June 2019	W	W	W	-	W	W
July 2018	W	W	W	-	W	W
Nevada						
July 2019	W	511.5	-	-	-	-
June 2019	W	502.6	-	-	-	-
July 2018	W	502.8	-	-	-	-
Oregon						
July 2019	18.2	W	-	-	-	-
June 2019	W	2,307.5	-	-	-	-
July 2018	4.0	2,532.2	-	-	-	-
Washington						
July 2019	W	W	-	-	-	W
June 2019	253.2	W	-	-	W	W
July 2018	348.4	4,441.4	-	-	-	-

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: - In January 2007, ultra low-sulfur diesel fuel was added. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2018 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report.

Table 43. Refiner No. 2 distillate and fuel oil volumes by PAD District and state

thousand gallons per day

Geographic area month	No. 2 fuel oil		No. 2 distillate	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale
United States				
July 2019	48.8	4,712.7	12,580.1	165,827.0
June 2019	65.8	5,026.0	11,986.7	173,841.7
July 2018	72.6	3,840.8	12,448.5	157,963.0
PAD District 1				
July 2019	W	W	1,616.0	33,233.8
June 2019	-	2,562.5	1,569.9	35,925.0
July 2018	W	2,711.8	1,477.3	33,400.7
Subdistrict 1A				
July 2019	-	508.1	W	1,837.8
June 2019	-	711.2	W	2,349.4
July 2018	-	NA	W	1,213.2
Connecticut				
July 2019	-	W	W	814.2
June 2019	-	W	W	1,127.1
July 2018	-	W	W	NA
Maine				
July 2019	-	W	-	150.8
June 2019	-	218.6	-	392.5
July 2018	-	W	-	W
Massachusetts				
July 2019	-	W	W	499.2
June 2019	-	W	W	361.9
July 2018	-	W	W	257.2
New Hampshire				
July 2019	-	W	W	W
June 2019	-	-	W	W
July 2018	-	-	W	W
Rhode Island				
July 2019	-	28.3	W	273.4
June 2019	-	W	W	355.6
July 2018	-	W	W	NA
Vermont				
July 2019	-	W	-	W
June 2019	-	W	-	W
July 2018	-	W	W	W
Subdistrict 1B				
July 2019	W	1,260.1	W	16,246.5
June 2019	-	1,803.0	W	17,837.8
July 2018	W	2,370.5	W	17,664.2
Delaware				
July 2019	-	W	W	W
June 2019	-	W	W	W
July 2018	-	W	W	W
District of Columbia				
July 2019	-	-	-	W
June 2019	-	-	-	W
July 2018	-	-	-	W
Maryland				
July 2019	W	W	W	1,424.5
June 2019	-	41.6	-	1,421.3
July 2018	-	W	-	1,165.1
New Jersey				
July 2019	-	700.6	158.8	7,572.8
June 2019	-	1,350.5	164.6	8,789.4
July 2018	-	1,498.4	160.9	6,891.3
New York				
July 2019	-	245.0	223.2	1,500.3
June 2019	-	W	204.5	1,155.1
July 2018	-	204.6	184.5	1,403.5
Pennsylvania				
July 2019	W	202.6	201.7	5,283.1
June 2019	-	61.2	201.4	6,110.0
July 2018	W	343.7	232.6	7,611.4

See footnotes at end of table.

Table 43. Refiner No. 2 distillate and fuel oil volumes by PAD District and state (cont.)

thousand gallons per day

Geographic area month	No. 2 fuel oil		No. 2 distillate	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale
Subdistrict 1C				
July 2019	-	W	999.1	15,149.5
June 2019	-	48.3	970.5	15,737.8
July 2018	-	73.7	865.4	14,523.2
Florida				
July 2019	-	-	211.2	4,525.3
June 2019	-	-	217.3	5,025.5
July 2018	-	-	257.7	4,214.5
Georgia				
July 2019	-	-	62.5	2,607.4
June 2019	-	-	51.8	2,601.0
July 2018	-	-	87.2	2,525.0
North Carolina				
July 2019	-	W	412.0	3,168.8
June 2019	-	W	378.7	3,127.3
July 2018	-	W	391.9	2,870.5
South Carolina				
July 2019	-	-	48.2	1,588.7
June 2019	-	-	W	1,560.6
July 2018	-	-	46.6	1,445.1
Virginia				
July 2019	-	-	W	2,414.3
June 2019	-	-	7.7	2,514.1
July 2018	-	W	W	2,729.2
West Virginia				
July 2019	-	W	W	845.1
June 2019	-	W	W	909.2
July 2018	-	W	W	738.8
PAD District 2				
July 2019	W	96.8	4,360.4	47,109.4
June 2019	W	98.7	4,103.4	48,380.3
July 2018	W	W	4,324.5	44,402.8
Illinois				
July 2019	-	-	324.9	6,896.6
June 2019	-	-	350.4	7,370.9
July 2018	-	-	345.4	6,233.4
Indiana				
July 2019	-	-	W	3,787.8
June 2019	-	-	W	4,347.6
July 2018	-	-	W	3,286.5
Iowa				
July 2019	-	-	26.5	1,907.0
June 2019	-	-	18.1	1,977.4
July 2018	-	-	23.5	1,931.6
Kansas				
July 2019	-	-	579.8	4,029.9
June 2019	-	-	455.6	4,043.2
July 2018	-	-	465.4	3,376.5
Kentucky				
July 2019	-	-	429.6	1,868.8
June 2019	-	-	423.0	1,735.8
July 2018	-	W	435.9	1,703.8
Michigan				
July 2019	-	94.1	258.4	2,760.6
June 2019	-	98.3	248.1	2,741.2
July 2018	-	W	222.9	2,469.5
Minnesota				
July 2019	W	W	271.2	2,624.8
June 2019	W	W	284.5	2,813.6
July 2018	W	W	211.0	2,685.4
Missouri				
July 2019	-	-	1.5	1,596.6
June 2019	-	-	W	1,612.6
July 2018	-	-	4.2	1,728.6

See footnotes at end of table.

Table 43. Refiner No. 2 distillate and fuel oil volumes by PAD District and state (cont.)

thousand gallons per day

Geographic area month	No. 2 fuel oil		No. 2 distillate	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 2 (cont.)				
Nebraska				
July 2019	-	-	W	1,527.0
June 2019	-	-	W	1,420.5
July 2018	-	-	W	1,513.9
North Dakota				
July 2019	-	-	396.1	1,561.2
June 2019	-	-	375.8	1,616.3
July 2018	W	-	W	1,750.7
Ohio				
July 2019	-	-	609.1	5,662.6
June 2019	-	-	622.7	5,841.3
July 2018	-	-	697.9	4,978.6
Oklahoma				
July 2019	-	-	230.3	6,280.4
June 2019	-	-	148.9	5,962.8
July 2018	-	-	W	6,708.3
South Dakota				
July 2019	W	-	W	704.5
June 2019	W	-	W	757.6
July 2018	W	-	W	671.8
Tennessee				
July 2019	-	-	341.5	3,597.5
June 2019	-	-	327.0	3,677.0
July 2018	-	-	297.1	3,302.9
Wisconsin				
July 2019	-	W	65.9	2,304.0
June 2019	W	W	64.1	2,462.5
July 2018	W	W	42.7	2,061.2
PAD District 3				
July 2019	-	2,785.8	2,875.5	56,052.1
June 2019	-	1,963.8	2,567.8	60,234.5
July 2018	-	1,045.7	2,817.0	50,547.5
Alabama				
July 2019	-	-	158.4	1,945.5
June 2019	-	W	178.9	1,889.8
July 2018	-	-	143.0	1,674.5
Arkansas				
July 2019	-	-	W	1,602.8
June 2019	-	-	W	1,524.1
July 2018	-	-	W	1,753.0
Louisiana				
July 2019	-	W	173.1	13,233.5
June 2019	-	W	163.4	14,695.3
July 2018	-	W	306.8	11,057.3
Mississippi				
July 2019	-	-	W	1,794.3
June 2019	-	W	W	1,734.1
July 2018	-	-	W	2,445.4
New Mexico				
July 2019	-	-	271.4	1,073.3
June 2019	-	-	297.8	1,155.1
July 2018	-	-	368.2	1,239.8
Texas				
July 2019	-	W	2,126.5	36,402.7
June 2019	-	996.6	1,841.7	39,235.9
July 2018	-	W	1,871.1	32,377.5

See footnotes at end of table.

Table 43. Refiner No. 2 distillate and fuel oil volumes by PAD District and state (cont.)

thousand gallons per day

Geographic area month	No. 2 fuel oil		No. 2 distillate	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 4				
July 2019	W	-	1,094.7	8,141.8
June 2019	W	W	1,147.7	8,474.0
July 2018	W	-	1,245.7	6,863.0
Colorado				
July 2019	-	-	224.6	2,422.2
June 2019	-	W	226.3	2,736.8
July 2018	-	-	234.3	2,116.2
Idaho				
July 2019	W	-	W	842.5
June 2019	W	-	177.4	1,003.2
July 2018	W	-	W	692.5
Montana				
July 2019	-	-	W	1,208.4
June 2019	-	-	120.6	1,165.7
July 2018	-	-	W	1,321.1
Utah				
July 2019	W	-	254.2	2,052.0
June 2019	W	-	249.9	2,010.9
July 2018	W	-	398.7	1,448.7
Wyoming				
July 2019	-	-	286.1	1,616.6
June 2019	-	-	373.6	1,557.5
July 2018	-	-	300.4	1,284.4
PAD District 5				
July 2019	W	W	2,633.5	21,290.0
June 2019	W	W	2,597.8	20,827.9
July 2018	W	W	2,584.0	22,749.0
Alaska				
July 2019	W	W	W	W
June 2019	W	W	W	W
July 2018	W	W	W	W
Arizona				
July 2019	-	-	484.2	738.8
June 2019	-	-	460.1	714.3
July 2018	-	-	W	1,060.9
California				
July 2019	-	-	1,198.0	13,212.1
June 2019	-	-	1,098.6	11,933.3
July 2018	-	-	1,132.0	13,583.5
Hawaii				
July 2019	-	-	W	W
June 2019	-	-	W	W
July 2018	-	-	W	W
Nevada				
July 2019	W	-	W	511.5
June 2019	W	-	W	502.6
July 2018	W	-	101.8	502.8
Oregon				
July 2019	-	W	18.2	2,328.1
June 2019	-	-	W	2,307.5
July 2018	-	-	4.0	2,532.2
Washington				
July 2019	W	-	271.5	3,769.4
June 2019	W	-	392.6	4,490.6
July 2018	-	-	348.4	4,441.4

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: - In January 2007, ultra low-sulfur diesel fuel was added. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2018 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Table 44. Refiner residual fuel oil and no. 4 fuel volumes by PAD District

thousand gallons per day

Geographic area month	Residual fuel oil						No. 4 fuel[a]	
	Sulfur less than or equal to 1%		Sulfur greater than 1%		Total		Sales to end users	Sales for resale
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale		
United States								
July 2019	W	427.1	W	6,074.3	2,765.0	6,501.5	-	W
June 2019	W	W	W	W	3,280.2	7,655.8	-	W
July 2018	W	462.5	W	6,831.8	3,543.4	7,294.2	-	W
PAD District 1								
July 2019	W	W	W	W	W	1,725.2	-	-
June 2019	W	W	W	W	W	W	-	-
July 2018	W	W	W	W	W	2,565.8	-	-
Subdistrict 1A								
July 2019	-	-	-	-	-	-	-	-
June 2019	-	-	-	-	-	-	-	-
July 2018	-	-	-	-	-	-	-	-
Subdistrict 1B								
July 2019	W	W	W	W	W	1,725.2	-	-
June 2019	W	W	W	W	W	W	-	-
July 2018	W	W	W	W	W	2,565.8	-	-
Subdistrict 1C								
July 2019	-	-	-	-	-	-	-	-
June 2019	-	-	-	W	-	W	-	-
July 2018	-	-	W	-	W	-	-	-
PAD District 2								
July 2019	-	-	W	W	W	W	-	-
June 2019	-	-	W	W	W	W	-	-
July 2018	-	-	NA	W	NA	W	-	-
PAD District 3								
July 2019	-	W	349.5	W	349.5	2,981.7	-	W
June 2019	-	-	587.4	3,782.4	587.4	3,782.4	-	W
July 2018	-	318.5	W	3,259.9	W	3,578.4	-	W
PAD District 4								
July 2019	-	-	-	W	-	W	-	-
June 2019	-	-	-	W	-	W	-	-
July 2018	-	-	-	W	-	W	-	-
PAD District 5								
July 2019	W	W	W	W	2,149.2	1,668.8	-	-
June 2019	W	W	W	W	2,388.2	1,344.0	-	-
July 2018	W	W	W	W	2,845.5	1,042.1	-	-

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2018 are final.

Sources: - U.S. Energy Information Administration Form EIA-782A, *Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report*.

Prime Supplier Sales Volumes of Petroleum Products for Local Consumption

Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state
thousand gallons per day

Geographic area month	Regular			Midgrade		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
United States						
July 2019	225,727.1	104,393.8	330,120.9	3,884.9	2,157.5	6,042.4
June 2019	223,262.0	104,635.4	327,897.4	3,765.3	2,101.3	5,866.6
July 2018	229,206.2	104,622.3	333,828.5	3,914.3	2,390.2	6,304.5
PAD District 1						
July 2019	66,763.8	41,309.9	108,073.7	1,470.4	825.5	2,295.9
June 2019	65,635.7	40,270.0	105,905.8	1,421.3	755.1	2,176.3
July 2018	68,116.3	41,271.4	109,387.7	1,408.3	966.6	2,374.9
Subdistrict 1A						
July 2019	1,964.1	12,682.9	14,646.9	29.6	260.6	290.2
June 2019	1,798.1	12,429.2	14,227.3	18.4	233.2	251.5
July 2018	2,061.6	13,274.9	15,336.5	26.7	361.3	388.1
Connecticut						
July 2019	-	3,234.1	3,234.1	-	49.4	49.4
June 2019	-	3,251.4	3,251.4	-	43.1	43.1
July 2018	-	3,698.0	3,698.0	-	93.3	93.3
Maine						
July 2019	835.0	1,202.4	2,037.3	22.2	21.2	43.4
June 2019	767.7	1,112.6	1,880.3	11.5	19.6	31.1
July 2018	833.7	1,152.4	1,986.1	11.6	24.8	36.4
Massachusetts						
July 2019	-	5,607.9	5,607.9	-	131.1	131.1
June 2019	-	5,553.0	5,553.0	-	123.4	123.4
July 2018	-	5,696.8	5,696.8	-	165.5	165.5
New Hampshire						
July 2019	400.4	1,019.0	1,419.4	1.8	25.2	27.0
June 2019	359.4	1,003.0	1,362.4	1.7	18.1	19.7
July 2018	389.2	1,049.8	1,439.0	4.6	30.5	35.1
Rhode Island						
July 2019	-	1,619.5	1,619.5	-	33.6	33.6
June 2019	-	1,509.2	1,509.2	-	29.0	29.0
July 2018	-	1,677.9	1,677.9	-	47.2	47.2
Vermont						
July 2019	728.7	-	728.7	5.6	-	5.6
June 2019	671.0	-	671.0	5.2	-	5.2
July 2018	838.7	-	838.7	10.5	-	10.5
Subdistrict 1B						
July 2019	13,024.1	24,521.9	37,546.0	168.9	497.9	666.8
June 2019	12,241.2	23,677.0	35,918.3	148.2	453.1	601.3
July 2018	13,222.2	23,923.2	37,145.4	148.5	527.6	676.1
Delaware						
July 2019	-	1,367.4	1,367.4	-	12.0	12.0
June 2019	-	1,130.2	1,130.2	-	9.4	9.4
July 2018	-	1,212.0	1,212.0	-	13.5	13.5
District of Columbia						
July 2019	-	165.3	165.3	-	2.9	2.9
June 2019	-	162.2	162.2	-	2.9	2.9
July 2018	-	172.4	172.4	-	3.6	3.6
Maryland						
July 2019	636.3	4,039.3	4,675.5	10.2	63.0	73.2
June 2019	544.3	3,901.8	4,446.1	8.5	49.6	58.1
July 2018	655.0	3,965.3	4,620.3	6.7	63.2	69.8
New Jersey						
July 2019	-	9,071.8	9,071.8	-	140.0	140.0
June 2019	-	9,051.0	9,051.0	-	132.6	132.6
July 2018	-	8,987.6	8,987.6	-	134.9	134.9
New York						
July 2019	6,190.3	7,054.8	13,245.1	102.5	250.1	352.6
June 2019	5,826.8	6,803.6	12,630.4	86.8	229.5	316.3
July 2018	6,529.4	6,856.0	13,385.4	77.7	282.5	360.2
Pennsylvania						
July 2019	6,197.5	2,823.4	9,021.0	56.1	29.8	85.9
June 2019	5,870.2	2,628.3	8,498.5	53.0	29.1	82.1
July 2018	6,037.7	2,730.0	8,767.7	64.1	29.9	94.0

See footnotes at end of table.

Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	Premium			All grades		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
United States						
July 2019	25,071.6	19,583.4	44,655.0	254,683.6	126,134.6	380,818.2
June 2019	24,138.1	19,574.9	43,713.0	251,165.4	126,311.6	377,477.0
July 2018	24,453.7	19,151.5	43,605.3	257,574.2	126,164.0	383,738.2
PAD District 1						
July 2019	7,491.9	7,146.6	14,638.5	75,726.2	49,282.0	125,008.2
June 2019	7,390.1	6,869.4	14,259.5	74,447.1	47,894.5	122,341.6
July 2018	7,580.9	6,808.7	14,389.6	77,105.5	49,046.7	126,152.2
Subdistrict 1A						
July 2019	158.5	1,930.0	2,088.5	2,152.2	14,873.5	17,025.6
June 2019	128.3	1,842.9	1,971.2	1,944.7	14,505.3	16,450.0
July 2018	167.2	1,857.2	2,024.4	2,255.6	15,493.4	17,749.0
Connecticut						
July 2019	-	553.8	553.8	-	3,837.3	3,837.3
June 2019	-	535.4	535.4	-	3,829.9	3,829.9
July 2018	-	564.4	564.4	-	4,355.7	4,355.7
Maine						
July 2019	51.4	125.2	176.5	908.5	1,348.7	2,257.3
June 2019	40.0	107.2	147.2	819.2	1,239.4	2,058.6
July 2018	55.7	115.4	171.1	901.0	1,292.5	2,193.5
Massachusetts						
July 2019	-	866.2	866.2	-	6,605.3	6,605.3
June 2019	-	842.2	842.2	-	6,518.5	6,518.5
July 2018	-	812.2	812.2	-	6,674.5	6,674.5
New Hampshire						
July 2019	23.3	138.9	162.2	425.5	1,183.2	1,608.6
June 2019	20.2	132.5	152.7	381.2	1,153.6	1,534.8
July 2018	23.6	127.4	151.0	417.4	1,207.6	1,625.0
Rhode Island						
July 2019	-	245.9	245.9	-	1,899.0	1,899.0
June 2019	-	225.6	225.6	-	1,763.8	1,763.8
July 2018	-	237.8	237.8	-	1,963.0	1,963.0
Vermont						
July 2019	83.9	-	83.9	818.2	-	818.2
June 2019	68.1	-	68.1	744.4	-	744.4
July 2018	87.9	-	87.9	937.2	-	937.2
Subdistrict 1B						
July 2019	1,324.0	4,477.7	5,801.7	14,517.0	29,497.5	44,014.5
June 2019	1,206.5	4,263.3	5,469.7	13,595.9	28,393.4	41,989.3
July 2018	1,328.5	4,216.9	5,545.3	14,699.1	28,667.7	43,366.8
Delaware						
July 2019	-	160.2	160.2	-	1,539.5	1,539.5
June 2019	-	131.2	131.2	-	1,270.8	1,270.8
July 2018	-	137.6	137.6	-	1,363.1	1,363.1
District of Columbia						
July 2019	-	33.2	33.2	-	201.4	201.4
June 2019	-	32.7	32.7	-	197.7	197.7
July 2018	-	33.9	33.9	-	209.8	209.8
Maryland						
July 2019	59.6	696.7	756.3	706.1	4,799.0	5,505.1
June 2019	51.4	646.8	698.2	604.2	4,598.2	5,202.4
July 2018	59.4	673.9	733.3	721.1	4,702.4	5,423.5
New Jersey						
July 2019	-	1,424.1	1,424.1	-	10,635.9	10,635.9
June 2019	-	1,398.0	1,398.0	-	10,581.6	10,581.6
July 2018	-	1,370.5	1,370.5	-	10,493.0	10,493.0
New York						
July 2019	688.2	1,746.7	2,434.9	6,981.1	9,051.6	16,032.7
June 2019	595.6	1,664.4	2,259.9	6,509.1	8,697.5	15,206.6
July 2018	685.5	1,622.5	2,308.0	7,292.6	8,760.9	16,053.6
Pennsylvania						
July 2019	576.1	416.8	993.0	6,829.8	3,270.1	10,099.9
June 2019	559.5	390.3	949.8	6,482.6	3,047.7	9,530.3
July 2018	583.5	378.5	962.0	6,685.4	3,138.4	9,823.8

See footnotes at end of table.

Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	Regular			Midgrade		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
Subdistrict 1C						
July 2019	51,775.6	4,105.1	55,880.7	1,272.0	67.0	1,339.0
June 2019	51,596.4	4,163.8	55,760.2	1,254.7	68.8	1,323.5
July 2018	52,832.5	4,073.3	56,905.8	1,233.1	77.7	1,310.7
Florida						
July 2019	16,912.8	-	16,912.8	330.2	-	330.2
June 2019	17,040.4	-	17,040.4	330.9	-	330.9
July 2018	17,330.2	-	17,330.2	311.7	-	311.7
Georgia						
July 2019	11,452.2	-	11,452.2	350.5	-	350.5
June 2019	11,466.9	-	11,466.9	348.2	-	348.2
July 2018	12,032.5	-	12,032.5	350.8	-	350.8
North Carolina						
July 2019	10,772.5	-	10,772.5	293.6	-	293.6
June 2019	10,669.9	-	10,669.9	291.0	-	291.0
July 2018	10,823.7	-	10,823.7	289.1	-	289.1
South Carolina						
July 2019	6,632.9	-	6,632.9	207.6	-	207.6
June 2019	6,613.7	-	6,613.7	196.8	-	196.8
July 2018	6,693.7	-	6,693.7	192.7	-	192.7
Virginia						
July 2019	3,948.2	4,105.1	8,053.3	71.3	67.0	138.3
June 2019	3,892.0	4,163.8	8,055.8	68.7	68.8	137.6
July 2018	3,983.4	4,073.3	8,056.7	68.4	77.7	146.0
West Virginia						
July 2019	2,057.1	-	2,057.1	18.8	-	18.8
June 2019	1,913.5	-	1,913.5	19.0	-	19.0
July 2018	1,969.1	-	1,969.1	20.4	-	20.4
PAD District 2						
July 2019	82,231.6	13,104.1	95,335.8	1,195.5	180.6	1,376.1
June 2019	81,399.5	13,232.5	94,632.0	1,163.9	186.2	1,350.1
July 2018	81,565.9	13,258.9	94,824.8	1,242.1	192.9	1,435.0
Illinois						
July 2019	4,313.0	6,866.0	11,179.0	45.0	83.3	128.3
June 2019	4,636.1	7,288.6	11,924.7	56.7	92.4	149.2
July 2018	4,625.6	7,123.9	11,749.6	67.2	92.2	159.4
Indiana						
July 2019	6,957.0	1,113.5	8,070.6	84.7	24.6	109.3
June 2019	6,870.4	1,014.2	7,884.6	82.2	22.3	104.5
July 2018	6,848.6	1,092.8	7,941.5	89.5	24.5	114.0
Iowa						
July 2019	2,833.0	-	2,833.0	93.7	-	93.7
June 2019	2,926.2	-	2,926.2	95.1	-	95.1
July 2018	2,864.2	-	2,864.2	96.0	-	96.0
Kansas						
July 2019	4,138.7	-	4,138.7	52.7	-	52.7
June 2019	4,177.3	-	4,177.3	54.9	-	54.9
July 2018	4,143.4	-	4,143.4	53.6	-	53.6
Kentucky						
July 2019	4,658.6	736.1	5,394.7	63.8	12.7	76.5
June 2019	4,465.2	741.1	5,206.3	62.8	12.6	75.4
July 2018	4,364.2	855.1	5,219.3	63.4	15.9	79.3
Michigan						
July 2019	12,614.0	-	12,614.0	107.4	-	107.4
June 2019	12,206.6	-	12,206.6	90.4	-	90.4
July 2018	12,316.7	-	12,316.7	101.6	-	101.6
Minnesota						
July 2019	5,967.4	-	5,967.4	121.2	-	121.2
June 2019	5,949.6	-	5,949.6	112.6	-	112.6
July 2018	5,872.5	-	5,872.5	143.4	-	143.4
Missouri						
July 2019	5,142.9	2,415.4	7,558.4	78.0	41.4	119.4
June 2019	5,045.5	2,305.8	7,351.3	76.6	41.1	117.7
July 2018	5,231.6	2,268.5	7,500.1	83.9	39.5	123.4

See footnotes at end of table.

Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	Premium			All grades		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
Subdistrict 1C						
July 2019	6,009.4	738.8	6,748.3	59,057.0	4,911.0	63,968.0
June 2019	6,055.3	763.2	6,818.6	58,906.4	4,995.8	63,902.3
July 2018	6,085.3	734.7	6,820.0	60,150.8	4,885.6	65,036.5
Florida						
July 2019	2,170.6	-	2,170.6	19,413.6	-	19,413.6
June 2019	2,228.8	-	2,228.8	19,600.1	-	19,600.1
July 2018	2,266.9	-	2,266.9	19,908.8	-	19,908.8
Georgia						
July 2019	1,393.8	-	1,393.8	13,196.5	-	13,196.5
June 2019	1,407.9	-	1,407.9	13,223.1	-	13,223.1
July 2018	1,459.3	-	1,459.3	13,842.5	-	13,842.5
North Carolina						
July 2019	1,290.7	-	1,290.7	12,356.7	-	12,356.7
June 2019	1,282.0	-	1,282.0	12,242.9	-	12,242.9
July 2018	1,224.6	-	1,224.6	12,337.4	-	12,337.4
South Carolina						
July 2019	697.0	-	697.0	7,537.5	-	7,537.5
June 2019	684.8	-	684.8	7,495.3	-	7,495.3
July 2018	672.9	-	672.9	7,559.3	-	7,559.3
Virginia						
July 2019	341.2	738.8	1,080.0	4,360.6	4,911.0	9,271.6
June 2019	326.7	763.2	1,089.9	4,287.4	4,995.8	9,283.3
July 2018	340.0	734.7	1,074.7	4,391.8	4,885.6	9,277.4
West Virginia						
July 2019	116.2	-	116.2	2,192.1	-	2,192.1
June 2019	125.1	-	125.1	2,057.6	-	2,057.6
July 2018	121.6	-	121.6	2,111.0	-	2,111.0
PAD District 2						
July 2019	7,269.2	1,470.7	8,739.9	90,696.4	14,755.4	105,451.8
June 2019	6,855.7	1,502.6	8,358.3	89,419.1	14,921.4	104,340.4
July 2018	6,887.8	1,518.4	8,406.1	89,695.7	14,970.2	104,665.9
Illinois						
July 2019	266.3	860.5	1,126.8	4,624.3	7,809.8	12,434.1
June 2019	286.8	927.2	1,213.9	4,979.6	8,308.2	13,287.8
July 2018	248.7	933.2	1,182.0	4,941.6	8,149.3	13,090.9
Indiana						
July 2019	481.8	120.7	602.5	7,523.5	1,258.9	8,782.4
June 2019	468.4	106.9	575.3	7,421.1	1,143.3	8,564.4
July 2018	446.3	116.9	563.2	7,384.5	1,234.2	8,618.7
Iowa						
July 2019	367.4	-	367.4	3,294.1	-	3,294.1
June 2019	348.1	-	348.1	3,369.4	-	3,369.4
July 2018	372.4	-	372.4	3,332.6	-	3,332.6
Kansas						
July 2019	367.8	-	367.8	4,559.2	-	4,559.2
June 2019	351.3	-	351.3	4,583.5	-	4,583.5
July 2018	336.8	-	336.8	4,533.9	-	4,533.9
Kentucky						
July 2019	270.1	75.3	345.4	4,992.5	824.2	5,816.6
June 2019	249.3	77.4	326.8	4,777.3	831.1	5,608.4
July 2018	260.5	81.6	342.1	4,688.1	952.6	5,640.7
Michigan						
July 2019	874.4	-	874.4	13,595.8	-	13,595.8
June 2019	805.0	-	805.0	13,102.0	-	13,102.0
July 2018	865.9	-	865.9	13,284.3	-	13,284.3
Minnesota						
July 2019	755.4	-	755.4	6,844.0	-	6,844.0
June 2019	662.3	-	662.3	6,724.5	-	6,724.5
July 2018	647.7	-	647.7	6,663.6	-	6,663.6
Missouri						
July 2019	462.7	222.6	685.3	5,683.6	2,679.4	8,363.0
June 2019	430.3	217.4	647.8	5,552.5	2,564.3	8,116.8
July 2018	426.1	207.2	633.3	5,741.5	2,515.3	8,256.8

See footnotes at end of table.

Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	Regular			Midgrade		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
PAD District 2 (cont.)						
Nebraska						
July 2019	2,197.1	-	2,197.1	48.6	-	48.6
June 2019	2,200.3	-	2,200.3	44.3	-	44.3
July 2018	2,108.2	-	2,108.2	41.8	-	41.8
North Dakota						
July 2019	1,048.1	-	1,048.1	23.4	-	23.4
June 2019	974.4	-	974.4	22.4	-	22.4
July 2018	1,051.2	-	1,051.2	25.3	-	25.3
Ohio						
July 2019	12,750.5	-	12,750.5	149.9	-	149.9
June 2019	12,878.9	-	12,878.9	149.6	-	149.6
July 2018	12,399.5	-	12,399.5	161.7	-	161.7
Oklahoma						
July 2019	4,891.5	-	4,891.5	68.6	-	68.6
June 2019	4,850.6	-	4,850.6	66.7	-	66.7
July 2018	5,154.4	-	5,154.4	67.0	-	67.0
South Dakota						
July 2019	1,289.8	-	1,289.8	24.2	-	24.2
June 2019	1,231.0	-	1,231.0	22.3	-	22.3
July 2018	1,300.7	-	1,300.7	29.7	-	29.7
Tennessee						
July 2019	8,806.5	-	8,806.5	180.3	-	180.3
June 2019	8,600.8	-	8,600.8	181.4	-	181.4
July 2018	8,730.5	-	8,730.5	162.2	-	162.2
Wisconsin						
July 2019	4,623.2	1,973.0	6,596.3	53.9	18.5	72.5
June 2019	4,386.6	1,882.9	6,269.4	45.6	17.9	63.4
July 2018	4,554.5	1,918.5	6,473.1	55.6	20.8	76.5
PAD District 3						
July 2019	45,128.5	16,052.1	61,180.6	581.6	265.5	847.0
June 2019	44,901.6	16,394.4	61,296.0	573.1	269.1	842.2
July 2018	47,737.8	15,321.9	63,059.7	581.7	267.2	848.9
Alabama						
July 2019	6,654.4	-	6,654.4	100.4	-	100.4
June 2019	6,681.1	-	6,681.1	96.3	-	96.3
July 2018	6,309.0	-	6,309.0	108.8	-	108.8
Arkansas						
July 2019	3,570.4	-	3,570.4	41.2	-	41.2
June 2019	3,578.9	-	3,578.9	40.3	-	40.3
July 2018	3,640.1	-	3,640.1	42.2	-	42.2
Louisiana						
July 2019	6,359.4	-	6,359.4	48.9	-	48.9
June 2019	6,631.6	-	6,631.6	50.1	-	50.1
July 2018	7,007.5	-	7,007.5	53.7	-	53.7
Mississippi						
July 2019	3,845.0	-	3,845.0	54.6	-	54.6
June 2019	3,994.1	-	3,994.1	55.5	-	55.5
July 2018	4,520.8	-	4,520.8	55.3	-	55.3
New Mexico						
July 2019	2,486.8	-	2,486.8	81.6	-	81.6
June 2019	2,473.0	-	2,473.0	81.5	-	81.5
July 2018	2,552.7	-	2,552.7	81.6	-	81.6
Texas						
July 2019	22,212.5	16,052.1	38,264.7	255.0	265.5	520.4
June 2019	21,542.8	16,394.4	37,937.3	249.4	269.1	518.5
July 2018	23,707.7	15,321.9	39,029.6	240.1	267.2	507.3

See footnotes at end of table.

Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	Premium			All grades		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
PAD District 2 (cont.)						
Nebraska						
July 2019	259.9	-	259.9	2,505.6	-	2,505.6
June 2019	246.4	-	246.4	2,491.1	-	2,491.1
July 2018	246.1	-	246.1	2,396.1	-	2,396.1
North Dakota						
July 2019	143.8	-	143.8	1,215.4	-	1,215.4
June 2019	124.8	-	124.8	1,121.6	-	1,121.6
July 2018	124.2	-	124.2	1,200.6	-	1,200.6
Ohio						
July 2019	896.1	-	896.1	13,796.6	-	13,796.6
June 2019	885.1	-	885.1	13,913.6	-	13,913.6
July 2018	898.2	-	898.2	13,459.5	-	13,459.5
Oklahoma						
July 2019	517.6	-	517.6	5,477.8	-	5,477.8
June 2019	510.6	-	510.6	5,427.9	-	5,427.9
July 2018	510.0	-	510.0	5,731.4	-	5,731.4
South Dakota						
July 2019	172.2	-	172.2	1,486.3	-	1,486.3
June 2019	137.7	-	137.7	1,391.1	-	1,391.1
July 2018	167.5	-	167.5	1,497.9	-	1,497.9
Tennessee						
July 2019	873.9	-	873.9	9,860.7	-	9,860.7
June 2019	870.0	-	870.0	9,652.2	-	9,652.2
July 2018	868.1	-	868.1	9,760.7	-	9,760.7
Wisconsin						
July 2019	559.8	191.6	751.5	5,237.0	2,183.2	7,420.2
June 2019	479.4	173.7	653.1	4,911.5	2,074.4	6,986.0
July 2018	469.2	179.4	648.6	5,079.4	2,118.8	7,198.2
PAD District 3						
July 2019	4,020.0	2,249.4	6,269.4	49,730.0	18,567.0	68,297.0
June 2019	3,850.8	2,276.4	6,127.2	49,325.5	18,940.0	68,265.4
July 2018	3,879.4	2,020.7	5,900.0	52,198.9	17,609.8	69,808.7
Alabama						
July 2019	585.1	-	585.1	7,339.8	-	7,339.8
June 2019	565.4	-	565.4	7,342.7	-	7,342.7
July 2018	563.1	-	563.1	6,980.9	-	6,980.9
Arkansas						
July 2019	327.4	-	327.4	3,938.9	-	3,938.9
June 2019	306.7	-	306.7	3,925.9	-	3,925.9
July 2018	302.2	-	302.2	3,984.5	-	3,984.5
Louisiana						
July 2019	551.4	-	551.4	6,959.6	-	6,959.6
June 2019	554.1	-	554.1	7,235.8	-	7,235.8
July 2018	575.2	-	575.2	7,636.5	-	7,636.5
Mississippi						
July 2019	315.0	-	315.0	4,214.5	-	4,214.5
June 2019	307.3	-	307.3	4,356.9	-	4,356.9
July 2018	282.2	-	282.2	4,858.3	-	4,858.3
New Mexico						
July 2019	337.5	-	337.5	2,905.9	-	2,905.9
June 2019	313.8	-	313.8	2,868.4	-	2,868.4
July 2018	316.2	-	316.2	2,950.5	-	2,950.5
Texas						
July 2019	1,903.7	2,249.4	4,153.2	24,371.3	18,567.0	42,938.3
June 2019	1,803.6	2,276.4	4,080.0	23,595.8	18,940.0	42,535.7
July 2018	1,840.4	2,020.7	3,861.1	25,788.1	17,609.8	43,397.9

See footnotes at end of table.

Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	Regular			Midgrade		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
PAD District 4						
July 2019	13,762.2	-	13,762.2	319.9	-	319.9
June 2019	13,133.0	-	13,133.0	288.9	-	288.9
July 2018	13,722.4	-	13,722.4	324.8	-	324.8
Colorado						
July 2019	5,594.5	-	5,594.5	117.5	-	117.5
June 2019	5,447.7	-	5,447.7	111.3	-	111.3
July 2018	5,628.0	-	5,628.0	130.8	-	130.8
Idaho						
July 2019	1,999.1	-	1,999.1	25.4	-	25.4
June 2019	1,908.5	-	1,908.5	17.5	-	17.5
July 2018	1,998.7	-	1,998.7	24.5	-	24.5
Montana						
July 2019	1,997.9	-	1,997.9	77.7	-	77.7
June 2019	1,852.2	-	1,852.2	75.3	-	75.3
July 2018	2,095.5	-	2,095.5	83.5	-	83.5
Utah						
July 2019	3,166.2	-	3,166.2	75.5	-	75.5
June 2019	3,018.7	-	3,018.7	63.0	-	63.0
July 2018	3,004.8	-	3,004.8	67.1	-	67.1
Wyoming						
July 2019	1,004.5	-	1,004.5	23.8	-	23.8
June 2019	905.9	-	905.9	21.7	-	21.7
July 2018	995.2	-	995.2	18.9	-	18.9
PAD District 5						
July 2019	17,841.0	33,927.7	51,768.6	317.5	885.9	1,203.4
June 2019	18,192.2	34,738.4	52,930.6	318.2	890.9	1,209.1
July 2018	18,063.7	34,770.1	52,833.8	357.4	963.5	1,320.9
Alaska						
July 2019	764.2	-	764.2	W	-	W
June 2019	719.2	-	719.2	W	-	W
July 2018	710.0	-	710.0	W	-	W
Arizona						
July 2019	2,750.4	4,213.6	6,964.0	W	W	129.2
June 2019	2,707.6	4,261.4	6,969.1	W	W	129.7
July 2018	W	W	6,958.5	W	W	124.5
California						
July 2019	-	29,714.1	29,714.1	-	W	811.2
June 2019	-	30,477.0	30,477.0	-	W	816.6
July 2018	-	30,646.8	30,646.8	-	W	891.8
Hawaii						
July 2019	996.0	-	996.0	W	-	W
June 2019	984.0	-	984.0	W	-	W
July 2018	979.0	-	979.0	W	-	W
Nevada						
July 2019	2,591.4	-	2,591.4	55.6	-	55.6
June 2019	2,705.8	-	2,705.8	57.4	-	57.4
July 2018	W	W	2,623.2	85.3	-	85.3
Oregon						
July 2019	4,043.6	-	4,043.6	28.8	-	28.8
June 2019	4,068.7	-	4,068.7	27.4	-	27.4
July 2018	4,127.9	-	4,127.9	30.6	-	30.6
Washington						
July 2019	6,695.4	-	6,695.4	89.0	-	89.0
June 2019	7,006.9	-	7,006.9	88.7	-	88.7
July 2018	6,788.5	-	6,788.5	95.7	-	95.7

See footnotes at end of table.

Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	Premium			All grades		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
PAD District 4						
July 2019	3,061.1	-	3,061.1	17,143.1	-	17,143.1
June 2019	2,795.0	-	2,795.0	16,216.9	-	16,216.9
July 2018	2,921.9	-	2,921.9	16,969.0	-	16,969.0
Colorado						
July 2019	1,221.1	-	1,221.1	6,933.1	-	6,933.1
June 2019	1,152.6	-	1,152.6	6,711.6	-	6,711.6
July 2018	1,187.6	-	1,187.6	6,946.5	-	6,946.5
Idaho						
July 2019	358.4	-	358.4	2,382.9	-	2,382.9
June 2019	319.3	-	319.3	2,245.3	-	2,245.3
July 2018	345.5	-	345.5	2,368.8	-	2,368.8
Montana						
July 2019	400.9	-	400.9	2,476.5	-	2,476.5
June 2019	342.2	-	342.2	2,269.7	-	2,269.7
July 2018	398.5	-	398.5	2,577.5	-	2,577.5
Utah						
July 2019	861.4	-	861.4	4,103.0	-	4,103.0
June 2019	799.1	-	799.1	3,880.9	-	3,880.9
July 2018	789.0	-	789.0	3,860.9	-	3,860.9
Wyoming						
July 2019	219.2	-	219.2	1,247.5	-	1,247.5
June 2019	181.9	-	181.9	1,109.5	-	1,109.5
July 2018	201.2	-	201.2	1,215.3	-	1,215.3
PAD District 5						
July 2019	3,229.4	8,716.7	11,946.1	21,387.9	43,530.3	64,918.1
June 2019	3,246.5	8,926.5	12,173.0	21,756.9	44,555.8	66,312.7
July 2018	3,183.8	8,803.7	11,987.6	21,605.0	44,537.3	66,142.3
Alaska						
July 2019	W	-	W	855.0	-	855.0
June 2019	W	-	W	807.8	-	807.8
July 2018	W	-	W	802.7	-	802.7
Arizona						
July 2019	W	W	919.5	3,197.3	4,815.3	8,012.6
June 2019	W	W	907.8	3,146.2	4,860.3	8,006.6
July 2018	W	W	895.5	W	W	7,978.5
California						
July 2019	-	W	8,189.6	-	38,714.9	38,714.9
June 2019	-	W	8,401.9	-	39,695.5	39,695.5
July 2018	-	W	8,296.7	-	39,835.3	39,835.3
Hawaii						
July 2019	W	-	W	1,304.2	-	1,304.2
June 2019	W	-	W	1,289.3	-	1,289.3
July 2018	W	-	W	1,302.2	-	1,302.2
Nevada						
July 2019	640.8	-	640.8	3,287.9	-	3,287.9
June 2019	649.9	-	649.9	3,413.1	-	3,413.1
July 2018	W	W	631.9	W	W	3,340.3
Oregon						
July 2019	550.4	-	550.4	4,622.8	-	4,622.8
June 2019	550.3	-	550.3	4,646.4	-	4,646.4
July 2018	524.2	-	524.2	4,682.7	-	4,682.7
Washington						
July 2019	1,336.2	-	1,336.2	8,120.6	-	8,120.6
June 2019	1,358.4	-	1,358.4	8,454.0	-	8,454.0
July 2018	1,316.4	-	1,316.4	8,200.6	-	8,200.6

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

Notes: - Beginning January 2007, oxygenated gasoline is included in conventional gasoline. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2018 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration, Form EIA-782C, *Monthly Report of Prime Supplier Sales of Petroleum Products Sold for Local Consumption*.

Table 46. Prime supplier sales volumes of aviation fuels, no. 4 fuel oil, propane, and residual fuel oil by PAD District and state

thousand gallons per day

Geographic area month	Aviation gasoline	Kerosene-type jet fuel	No. 4 fuel oil[a]	Propane (consumer grade)	Residual fuel oil		Total residual fuel oil
					Sulfur less than or equal to 1%	Sulfur greater than 1%	
United States							
July 2019	522.1	66,715.5	W	21,484.9	911.3	8,917.6	9,828.9
June 2019	478.9	67,875.2	W	22,288.7	W	W	11,107.8
July 2018	646.0	67,210.8	W	22,266.2	1,172.1	10,550.8	11,722.9
PAD District 1							
July 2019	153.5	15,490.9	W	3,924.5	64.5	2,079.3	2,143.8
June 2019	151.5	15,876.8	W	4,154.0	77.2	2,954.8	3,032.1
July 2018	166.5	15,013.7	W	4,548.1	212.6	3,547.0	3,759.6
Subdistrict 1A							
July 2019	21.9	1,612.1	W	640.6	W	W	41.5
June 2019	18.3	1,562.7	W	802.2	W	W	35.0
July 2018	26.2	1,551.0	W	690.5	W	W	30.8
Connecticut							
July 2019	3.8	213.0	-	61.0	W	-	W
June 2019	1.8	184.0	-	88.6	W	-	W
July 2018	3.3	173.9	-	93.5	-	-	-
Maine							
July 2019	4.0	141.2	-	174.1	W	W	9.3
June 2019	W	126.2	-	217.9	W	W	5.3
July 2018	3.8	135.2	-	166.9	W	W	4.6
Massachusetts							
July 2019	9.6	1,081.4	W	124.9	W	W	W
June 2019	8.0	1,081.3	W	156.8	W	W	W
July 2018	13.0	1,075.4	W	149.6	W	W	16.5
New Hampshire							
July 2019	2.6	60.6	-	171.5	W	-	W
June 2019	2.5	58.8	-	198.0	W	-	W
July 2018	3.1	47.6	-	178.8	W	-	W
Rhode Island							
July 2019	W	85.8	-	15.3	-	-	-
June 2019	W	83.8	-	28.5	-	-	-
July 2018	W	89.7	-	19.7	-	-	-
Vermont							
July 2019	W	30.2	W	93.9	W	-	W
June 2019	W	28.6	-	112.4	W	-	W
July 2018	W	29.2	W	81.9	W	-	W
Subdistrict 1B							
July 2019	37.0	9,102.1	W	1,536.3	W	W	1,825.9
June 2019	35.4	9,205.9	W	1,720.5	W	W	2,641.6
July 2018	42.6	9,032.9	W	1,873.3	W	W	2,819.4
Delaware							
July 2019	1.6	9.7	W	99.4	-	-	-
June 2019	W	12.4	-	118.0	-	W	W
July 2018	1.3	12.9	-	129.1	W	-	W
District of Columbia							
July 2019	-	-	-	-	-	-	-
June 2019	-	-	-	-	-	-	-
July 2018	-	-	-	-	-	-	-
Maryland							
July 2019	4.9	232.5	-	168.7	-	-	-
June 2019	W	217.3	-	178.1	-	W	W
July 2018	7.6	229.1	W	142.8	-	W	W
New Jersey							
July 2019	7.6	2,699.9	W	110.0	44.0	1,208.4	1,252.3
June 2019	6.8	2,877.8	W	136.8	63.4	1,846.6	1,910.0
July 2018	7.1	2,783.1	W	143.6	39.4	1,787.7	1,827.1
New York							
July 2019	12.7	3,708.1	W	462.6	W	W	W
June 2019	11.5	3,614.1	W	557.1	W	W	559.3
July 2018	13.3	3,724.5	W	457.1	W	W	837.5
Pennsylvania							
July 2019	10.1	2,451.9	-	695.6	W	-	W
June 2019	11.2	2,484.3	-	730.5	W	W	W
July 2018	13.2	2,283.3	-	1,000.7	W	W	W

See footnotes at end of table.

Table 46. Prime supplier sales volumes of aviation fuels, no. 4 fuel oil, propane, and residual fuel oil by PAD District and state (cont.)

thousand gallons per day

Geographic area month	Aviation gasoline	Kerosene-type jet fuel	No. 4 fuel oil[a]	Propane (consumer grade)	Residual fuel oil		Total residual fuel oil
					Sulfur less than or equal to 1%	Sulfur greater than 1%	
Subdistrict 1C							
July 2019	94.6	4,776.7	-	1,747.6	-	276.4	276.4
June 2019	97.8	5,108.3	-	1,631.4	-	355.5	355.5
July 2018	97.8	4,429.8	-	1,984.4	-	909.5	909.5
Florida							
July 2019	52.5	2,446.6	-	462.4	-	245.5	245.5
June 2019	53.5	2,630.6	-	474.1	-	259.1	259.1
July 2018	51.1	2,084.1	-	541.2	-	645.1	645.1
Georgia							
July 2019	14.1	495.3	-	321.2	-	7.4	7.4
June 2019	15.2	548.8	-	273.2	-	W	W
July 2018	13.4	591.8	-	305.6	-	119.3	119.3
North Carolina							
July 2019	11.5	332.1	-	375.4	-	W	W
June 2019	12.1	383.0	-	365.9	-	W	W
July 2018	12.6	326.2	-	424.3	-	W	W
South Carolina							
July 2019	7.2	316.9	-	202.0	-	W	W
June 2019	6.1	342.2	-	201.9	-	W	W
July 2018	6.7	255.1	-	243.1	-	W	W
Virginia							
July 2019	8.2	1,155.7	-	292.6	-	W	W
June 2019	9.2	1,176.5	-	247.4	-	W	W
July 2018	11.4	1,147.6	-	308.9	-	-	-
West Virginia							
July 2019	1.1	30.1	-	94.0	-	-	-
June 2019	1.7	27.1	-	68.9	-	W	W
July 2018	2.6	25.0	-	161.2	-	-	-
PAD District 2							
July 2019	147.3	11,516.7	-	6,337.5	W	W	167.8
June 2019	117.8	11,707.8	-	5,507.1	W	128.4	W
July 2018	154.0	11,303.5	-	5,701.1	W	116.5	W
Illinois							
July 2019	12.9	3,303.3	-	809.3	-	-	-
June 2019	11.3	3,193.7	-	716.8	-	W	W
July 2018	17.0	3,154.8	-	729.2	-	-	-
Indiana							
July 2019	11.0	1,053.4	-	424.5	-	W	W
June 2019	7.2	1,120.8	-	336.7	-	W	W
July 2018	10.0	1,257.7	-	343.6	-	W	W
Iowa							
July 2019	9.5	138.9	-	555.1	-	-	-
June 2019	5.7	106.4	-	481.4	-	-	-
July 2018	10.3	141.2	-	502.6	-	-	-
Kansas							
July 2019	6.6	161.2	-	379.0	-	-	-
June 2019	7.6	158.9	-	346.6	-	-	-
July 2018	7.2	135.0	-	350.4	-	-	-
Kentucky							
July 2019	6.2	1,581.2	-	249.4	-	-	-
June 2019	3.6	1,650.6	-	204.4	-	-	-
July 2018	6.1	1,493.1	-	237.1	-	W	W
Michigan							
July 2019	14.4	727.1	-	738.8	-	W	W
June 2019	11.6	577.1	-	489.6	-	W	W
July 2018	13.4	700.8	-	590.6	-	W	W
Minnesota							
July 2019	10.6	405.0	-	568.3	-	W	W
June 2019	10.6	440.1	-	525.8	-	W	W
July 2018	11.9	398.9	-	592.0	-	W	W
Missouri							
July 2019	9.4	399.3	-	379.6	-	-	-
June 2019	9.0	408.7	-	286.2	-	-	-
July 2018	11.8	382.2	-	322.1	-	-	-

See footnotes at end of table.

Table 46. Prime supplier sales volumes of aviation fuels, no. 4 fuel oil, propane, and residual fuel oil by PAD District and state (cont.)

thousand gallons per day

Geographic area month	Aviation gasoline	Kerosene-type jet fuel	No. 4 fuel oil[a]	Propane (consumer grade)	Residual fuel oil		Total residual fuel oil
					Sulfur less than or equal to 1%	Sulfur greater than 1%	
PAD District 2 (cont.)							
Nebraska							
July 2019	6.1	209.0	-	163.4	-	-	-
June 2019	5.2	203.6	-	107.8	-	-	-
July 2018	7.7	224.0	-	166.2	-	-	-
North Dakota							
July 2019	8.1	93.8	-	507.4	-	-	-
June 2019	5.4	91.2	-	499.0	-	-	-
July 2018	7.3	113.2	-	390.3	-	-	-
Ohio							
July 2019	11.6	919.5	-	489.7	W	W	W
June 2019	11.3	920.9	-	502.9	W	W	W
July 2018	11.3	1,046.2	-	479.2	W	W	W
Oklahoma							
July 2019	8.0	890.2	-	180.8	-	W	W
June 2019	9.0	970.2	-	168.6	-	-	-
July 2018	7.5	552.5	-	167.8	-	-	-
South Dakota							
July 2019	4.1	68.7	-	107.8	-	W	W
June 2019	3.5	70.5	-	97.5	-	W	W
July 2018	4.3	62.2	-	114.8	-	W	W
Tennessee							
July 2019	11.1	1,339.5	-	196.8	-	W	W
June 2019	9.6	1,576.1	-	204.8	-	W	W
July 2018	10.1	1,424.3	-	186.6	-	W	W
Wisconsin							
July 2019	17.5	226.8	-	587.6	-	W	W
June 2019	7.2	219.1	-	539.2	-	W	W
July 2018	18.1	217.3	-	528.7	-	W	W
PAD District 3							
July 2019	70.9	15,695.6	-	8,365.0	71.9	3,226.9	3,298.8
June 2019	65.6	15,618.0	-	9,705.5	W	W	3,468.3
July 2018	73.9	17,536.6	-	9,475.7	73.3	2,913.0	2,986.3
Alabama							
July 2019	5.8	244.8	-	144.9	-	W	W
June 2019	8.0	269.1	-	120.6	-	W	W
July 2018	6.4	294.6	-	118.8	-	W	W
Arkansas							
July 2019	5.7	181.4	-	110.5	-	-	-
June 2019	4.3	199.5	-	90.6	-	-	-
July 2018	5.9	233.4	-	76.7	-	-	-
Louisiana							
July 2019	5.9	2,356.9	-	804.5	W	W	639.9
June 2019	6.3	2,281.1	-	1,082.2	-	613.5	613.5
July 2018	8.0	3,106.6	-	856.8	-	1,070.2	1,070.2
Mississippi							
July 2019	4.2	1,627.9	-	201.4	-	W	W
June 2019	5.2	1,592.4	-	253.0	-	W	W
July 2018	4.4	1,463.2	-	243.8	-	W	W
New Mexico							
July 2019	4.5	134.1	-	140.6	-	-	-
June 2019	2.9	122.9	-	170.0	-	-	-
July 2018	4.4	150.1	-	162.4	-	-	-
Texas							
July 2019	44.9	11,150.5	-	6,963.1	W	W	2,581.3
June 2019	38.9	11,153.0	-	7,989.1	W	W	2,765.3
July 2018	44.9	12,288.7	-	8,017.2	73.3	1,748.0	1,821.4

See footnotes at end of table.

Table 46. Prime supplier sales volumes of aviation fuels, no. 4 fuel oil, propane, and residual fuel oil by PAD District and state (cont.)

thousand gallons per day

Geographic area month	Aviation gasoline	Kerosene-type jet fuel	No. 4 fuel oil[a]	Propane (consumer grade)	Residual fuel oil		Total residual fuel oil
					Sulfur less than or equal to 1%	Sulfur greater than 1%	
PAD District 4							
July 2019	40.6	2,284.5	-	915.4	-	-	-
June 2019	33.0	2,075.4	-	818.5	-	W	W
July 2018	41.4	2,414.2	-	694.2	-	W	W
Colorado							
July 2019	13.5	1,134.4	-	217.6	-	-	-
June 2019	10.7	1,013.7	-	189.0	-	-	-
July 2018	12.9	1,169.1	-	158.5	-	-	-
Idaho							
July 2019	8.9	157.5	-	85.1	-	-	-
June 2019	7.0	125.2	-	79.1	-	-	-
July 2018	9.6	190.5	-	90.2	-	-	-
Montana							
July 2019	7.4	214.6	-	222.3	-	-	-
June 2019	4.3	164.9	-	194.0	-	-	-
July 2018	8.5	202.4	-	193.6	-	-	-
Utah							
July 2019	6.7	702.0	-	83.4	-	-	-
June 2019	8.1	705.6	-	82.8	-	-	-
July 2018	5.8	799.6	-	109.1	-	-	-
Wyoming							
July 2019	4.0	76.0	-	307.0	-	-	-
June 2019	2.8	65.9	-	273.6	-	W	W
July 2018	4.6	52.5	-	142.8	-	W	W
PAD District 5							
July 2019	109.8	21,727.8	-	1,942.5	W	W	4,218.4
June 2019	110.9	22,597.2	-	2,103.6	W	W	4,474.6
July 2018	210.1	20,942.8	-	1,847.1	W	W	4,853.7
Alaska							
July 2019	W	1,974.8	-	W	-	-	-
June 2019	W	2,047.6	-	W	-	-	-
July 2018	W	1,845.9	-	W	-	-	-
Arizona							
July 2019	16.8	440.5	-	140.2	-	-	-
June 2019	21.4	410.5	-	220.1	-	-	-
July 2018	15.3	383.5	-	187.8	-	-	-
California							
July 2019	45.9	13,589.0	-	1,066.9	W	W	1,564.2
June 2019	47.5	14,215.8	-	1,113.3	W	W	1,810.2
July 2018	143.4	12,779.4	-	916.0	W	W	2,070.5
Hawaii							
July 2019	W	1,708.6	-	W	W	W	W
June 2019	W	1,883.4	-	W	W	W	W
July 2018	W	1,758.9	-	W	W	W	1,343.9
Nevada							
July 2019	5.5	686.6	-	71.9	-	-	-
June 2019	5.5	703.0	-	86.4	-	-	-
July 2018	4.5	585.2	-	61.7	-	-	-
Oregon							
July 2019	19.2	708.8	-	115.4	-	W	W
June 2019	15.8	644.3	-	122.1	-	W	W
July 2018	23.3	768.5	-	126.4	-	-	-
Washington							
July 2019	17.9	2,619.5	-	496.0	-	1,727.1	1,727.1
June 2019	15.7	2,692.7	-	516.4	-	1,597.9	1,597.9
July 2018	17.8	2,821.5	-	504.6	-	1,439.4	1,439.4

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2018 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration, Form EIA-782C, *Monthly Report of Prime Supplier Sales of Petroleum Products Sold for Local Consumption*.

Table 47. Prime supplier sales volumes of distillate fuel oils and kerosene by PAD District and state

thousand gallons per day

Geographic area month	No. 2 distillate							Total distillate and kerosene
	Kerosene	No. 1 distillate	No. 2 fuel oil	No. 2 diesel fuel			No. 2 distillate	
				Ultra-low sulfur	Low-sulfur	High-sulfur		
United States								
July 2019	785.0	W	2,460.8	161,163.8	W	W	164,656.2	165,670.7
June 2019	669.1	W	2,882.9	161,744.1	W	W	166,055.5	166,935.0
July 2018	718.2	W	2,415.4	165,110.5	107.3	1,031.8	168,665.1	169,615.6
PAD District 1								
July 2019	123.7	W	2,133.3	39,629.5	-	220.7	41,983.4	42,153.1
June 2019	65.3	W	2,495.5	38,812.3	-	221.4	41,529.2	41,627.2
July 2018	63.9	W	2,231.6	38,437.0	-	260.5	40,929.0	41,032.2
Subdistrict 1A								
July 2019	28.5	W	873.5	W	-	W	4,619.9	4,654.8
June 2019	37.4	W	1,122.9	W	-	W	4,585.2	4,628.7
July 2018	W	W	817.8	W	-	W	4,194.7	4,209.9
Connecticut								
July 2019	W	W	165.5	826.3	-	-	991.8	1,015.0
June 2019	W	W	211.0	663.2	-	-	874.2	900.8
July 2018	-	W	175.5	W	-	-	W	866.2
Maine								
July 2019	W	W	207.2	W	-	W	932.9	939.1
June 2019	W	W	293.2	W	-	W	988.6	999.8
July 2018	4.9	-	172.8	W	-	W	850.5	855.4
Massachusetts								
July 2019	W	W	232.1	W	-	W	1,500.7	1,502.9
June 2019	1.4	W	274.8	W	-	W	1,489.2	1,490.9
July 2018	W	W	194.5	W	-	W	1,328.3	1,329.7
New Hampshire								
July 2019	W	W	102.8	338.2	-	-	441.0	443.0
June 2019	W	W	144.9	331.8	-	-	476.7	480.2
July 2018	W	W	120.9	330.5	-	-	451.4	454.5
Rhode Island								
July 2019	W	-	87.9	W	-	-	W	468.4
June 2019	W	-	103.0	W	-	-	W	466.1
July 2018	W	W	103.0	381.3	-	-	484.2	484.3
Vermont								
July 2019	0.7	W	78.0	W	-	-	W	286.4
June 2019	W	-	96.0	W	-	-	W	290.9
July 2018	0.7	W	51.1	W	-	-	W	219.9
Subdistrict 1B								
July 2019	87.1	W	1,216.4	13,557.1	-	161.5	14,934.9	15,058.7
June 2019	21.0	W	1,343.9	W	-	W	14,428.2	14,472.9
July 2018	47.2	W	1,369.3	W	-	W	14,555.0	14,631.9
Delaware								
July 2019	W	-	W	300.0	-	W	310.3	310.8
June 2019	W	-	W	W	-	-	W	292.6
July 2018	0.3	-	W	W	-	-	260.5	260.7
District of Columbia								
July 2019	-	-	W	W	-	-	41.6	41.6
June 2019	-	-	W	W	-	-	39.2	39.2
July 2018	-	-	W	W	-	-	45.8	45.8
Maryland								
July 2019	1.8	-	44.5	W	-	W	1,833.4	1,835.1
June 2019	W	-	96.2	1,766.9	-	W	W	1,881.0
July 2018	W	-	53.2	W	-	W	1,684.6	1,687.8
New Jersey								
July 2019	W	-	249.7	W	-	W	3,322.1	3,323.4
June 2019	W	-	354.1	W	-	W	3,496.3	3,496.9
July 2018	W	-	381.5	W	-	W	3,417.2	3,417.4
New York								
July 2019	W	W	651.6	3,358.4	-	142.2	4,152.3	4,264.1
June 2019	13.7	W	596.3	W	-	W	3,814.1	3,850.9
July 2018	33.8	W	563.5	W	-	W	3,978.6	4,041.5
Pennsylvania								
July 2019	W	W	261.0	5,014.3	-	-	5,275.2	5,283.6
June 2019	6.0	-	286.0	4,620.2	-	-	4,906.2	4,912.2
July 2018	10.4	-	356.2	W	-	W	5,168.2	5,178.6

See footnotes at end of table.

Table 47. Prime supplier sales volumes of distillate fuel oils and kerosene by PAD District and state (cont.)

thousand gallons per day

Geographic area month	No. 2 distillate							Total distillate and kerosene
	Kerosene	No. 1 distillate	No. 2 fuel oil	No. 2 diesel fuel			No. 2 distillate	
				Ultra-low sulfur	Low-sulfur	High-sulfur		
Subdistrict 1C								
July 2019	8.1	2.8	43.3	W	-	W	22,428.6	22,439.5
June 2019	6.9	2.8	28.7	W	-	W	22,515.9	22,525.6
July 2018	W	W	44.5	W	-	W	22,179.3	22,190.4
Florida								
July 2019	W	-	-	5,845.4	-	W	W	5,889.2
June 2019	W	-	-	5,979.5	-	W	W	6,014.8
July 2018	W	-	-	5,705.3	-	W	W	5,752.5
Georgia								
July 2019	W	W	-	W	-	W	4,763.4	4,765.0
June 2019	W	W	-	4,751.0	-	-	4,751.0	4,753.2
July 2018	W	W	-	W	-	W	4,813.8	4,814.8
North Carolina								
July 2019	W	W	W	W	-	-	3,887.0	3,893.3
June 2019	W	W	W	3,780.0	-	W	3,789.1	3,794.1
July 2018	W	-	W	3,700.6	-	W	W	3,722.7
South Carolina								
July 2019	W	-	W	2,801.7	-	W	W	2,805.5
June 2019	W	-	W	W	-	W	W	2,811.4
July 2018	W	-	W	2,834.9	-	W	W	2,836.4
Virginia								
July 2019	1.6	-	9.8	W	-	W	3,698.9	3,700.5
June 2019	W	-	6.8	3,763.6	-	W	W	3,778.0
July 2018	W	W	16.8	W	-	W	3,819.4	3,823.6
West Virginia								
July 2019	W	W	W	W	-	-	W	1,386.1
June 2019	W	W	W	W	-	-	1,373.3	1,374.2
July 2018	W	W	10.8	1,228.1	-	-	1,238.9	1,240.4
PAD District 2								
July 2019	14.9	68.1	25.3	W	-	W	51,856.4	51,939.4
June 2019	14.9	56.1	W	53,318.5	-	W	53,414.2	53,485.2
July 2018	13.8	67.2	41.5	W	-	W	51,425.2	51,506.3
Illinois								
July 2019	0.8	7.1	-	5,430.3	-	-	5,430.3	5,438.2
June 2019	0.7	4.6	-	6,223.9	-	-	6,223.9	6,229.3
July 2018	0.6	7.8	-	5,648.4	-	-	5,648.4	5,656.9
Indiana								
July 2019	W	W	-	W	-	W	4,306.7	4,308.5
June 2019	W	W	-	W	-	W	4,481.3	4,483.2
July 2018	W	W	-	3,979.8	-	-	3,979.8	3,983.2
Iowa								
July 2019	0.5	6.4	W	W	-	-	2,786.0	2,792.9
June 2019	W	W	W	W	-	-	2,798.0	2,802.1
July 2018	W	W	W	W	-	-	2,663.5	2,671.1
Kansas								
July 2019	W	W	-	3,634.0	-	-	3,634.0	3,646.3
June 2019	W	W	-	3,474.6	-	-	3,474.6	3,482.3
July 2018	W	W	-	2,952.7	-	-	2,952.7	2,958.6
Kentucky								
July 2019	W	W	-	W	-	W	2,608.8	2,611.0
June 2019	W	W	-	W	-	W	2,559.4	2,561.7
July 2018	W	W	W	W	-	W	2,611.0	2,613.1
Michigan								
July 2019	W	W	W	3,466.0	-	W	3,530.3	3,538.6
June 2019	W	W	W	3,334.8	-	W	3,364.5	3,373.7
July 2018	W	W	W	3,231.4	-	W	3,232.3	3,238.9
Minnesota								
July 2019	0.4	8.1	W	W	-	-	2,713.7	2,722.2
June 2019	1.2	9.7	1.1	2,830.7	-	-	2,831.8	2,842.7
July 2018	W	W	W	W	-	-	2,723.9	2,735.0
Missouri								
July 2019	W	W	-	3,983.5	-	-	3,983.5	3,984.9
June 2019	W	W	-	3,803.3	-	-	3,803.3	3,804.0
July 2018	W	W	-	3,902.4	-	-	3,902.4	3,907.3

See footnotes at end of table.

Table 47. Prime supplier sales volumes of distillate fuel oils and kerosene by PAD District and state (cont.)

thousand gallons per day

Geographic area month	No. 2 distillate							Total distillate and kerosene
	Kerosene	No. 1 distillate	No. 2 fuel oil	No. 2 diesel fuel			No. 2 distillate	
				Ultra-low sulfur	Low-sulfur	High-sulfur		
PAD District 2 (cont.)								
Nebraska								
July 2019	-	W	-	W	-	-	W	2,408.7
June 2019	-	W	-	W	-	-	W	2,239.0
July 2018	-	2.3	W	W	-	-	2,422.3	2,424.5
North Dakota								
July 2019	W	W	-	2,173.5	-	-	2,173.5	2,183.3
June 2019	-	10.9	-	2,146.8	-	-	2,146.8	2,157.7
July 2018	W	W	W	W	-	-	2,180.7	2,188.7
Ohio								
July 2019	W	W	W	W	-	-	5,516.5	5,525.0
June 2019	W	W	-	5,952.1	-	-	5,952.1	5,961.2
July 2018	W	W	NA	5,579.1	-	-	5,581.4	5,586.1
Oklahoma								
July 2019	W	W	-	4,784.1	-	-	4,784.1	4,790.8
June 2019	W	W	-	5,514.0	-	-	5,514.0	5,516.3
July 2018	W	W	W	W	-	-	5,855.3	5,860.4
South Dakota								
July 2019	-	W	W	W	-	-	W	984.0
June 2019	-	W	W	W	-	-	W	1,071.0
July 2018	-	1.6	W	W	-	-	1,037.3	1,038.9
Tennessee								
July 2019	W	W	-	3,909.5	-	-	3,909.5	3,911.6
June 2019	W	W	-	3,870.1	-	-	3,870.1	3,871.9
July 2018	W	W	-	3,646.0	-	-	3,646.0	3,648.7
Wisconsin								
July 2019	0.5	4.6	W	W	-	-	3,088.2	3,093.4
June 2019	0.9	2.8	W	W	-	-	3,085.6	3,089.3
July 2018	0.8	5.8	W	W	-	-	2,988.2	2,994.8
PAD District 3								
July 2019	W	W	264.3	38,702.3	-	200.0	39,166.6	39,808.8
June 2019	W	W	320.4	38,792.2	-	302.5	39,415.2	40,000.0
July 2018	W	W	W	42,727.8	W	309.2	43,181.6	43,813.9
Alabama								
July 2019	W	-	-	2,864.8	-	W	W	2,867.6
June 2019	1.5	-	W	2,934.3	-	W	2,941.4	2,942.9
July 2018	W	-	-	2,836.7	W	W	W	2,897.0
Arkansas								
July 2019	-	-	W	W	-	-	2,343.1	2,343.1
June 2019	-	-	W	W	-	-	2,302.2	2,302.2
July 2018	-	-	W	W	-	-	2,537.2	2,537.2
Louisiana								
July 2019	W	-	-	4,393.7	-	W	W	5,093.2
June 2019	W	-	-	4,630.9	-	W	W	5,282.6
July 2018	W	-	-	5,333.9	-	W	W	6,072.2
Mississippi								
July 2019	-	-	-	W	-	W	1,885.3	1,885.3
June 2019	-	-	-	W	-	W	1,916.1	1,916.1
July 2018	-	W	-	1,990.7	-	W	W	1,991.1
New Mexico								
July 2019	-	-	-	1,974.2	-	-	1,974.2	1,974.2
June 2019	W	W	-	W	-	-	W	2,051.1
July 2018	W	-	-	W	-	-	W	2,094.2
Texas								
July 2019	W	W	W	W	-	W	25,642.4	25,645.4
June 2019	W	W	W	24,960.6	-	W	25,501.0	25,505.2
July 2018	W	W	W	W	W	181.0	28,218.3	28,222.2

See footnotes at end of table.

Table 47. Prime supplier sales volumes of distillate fuel oils and kerosene by PAD District and state (cont.)

thousand gallons per day

Geographic area month	No. 2 distillate							Total distillate and kerosene
	Kerosene	No. 1 distillate	No. 2 fuel oil	No. 2 diesel fuel			No. 2 distillate	
				Ultra-low sulfur	Low-sulfur	High-sulfur		
PAD District 4								
July 2019	W	W	W	W	-	-	9,888.9	9,901.3
June 2019	-	11.6	1.8	9,878.6	-	-	9,880.5	9,892.0
July 2018	-	15.7	W	W	-	-	9,431.3	9,447.0
Colorado								
July 2019	-	4.5	-	2,652.8	-	-	2,652.8	2,657.3
June 2019	-	3.9	-	2,588.0	-	-	2,588.0	2,591.9
July 2018	-	8.5	-	2,457.2	-	-	2,457.2	2,465.7
Idaho								
July 2019	-	W	0.3	W	-	-	W	1,428.4
June 2019	-	W	W	W	-	-	W	1,557.4
July 2018	-	W	W	W	-	-	W	1,530.4
Montana								
July 2019	-	W	-	W	-	-	W	1,780.0
June 2019	-	4.7	W	W	-	-	1,694.7	1,699.4
July 2018	-	5.4	-	2,054.0	-	-	2,054.0	2,059.4
Utah								
July 2019	W	W	W	W	-	-	2,071.1	2,072.3
June 2019	-	W	W	2,116.1	-	-	W	2,118.8
July 2018	-	W	W	W	-	-	W	1,742.2
Wyoming								
July 2019	-	0.8	-	1,962.5	-	-	1,962.5	1,963.4
June 2019	-	1.3	-	W	-	-	1,923.4	1,924.7
July 2018	-	1.2	-	1,648.1	-	-	1,648.1	1,649.3
PAD District 5								
July 2019	W	W	W	W	W	489.0	21,760.9	21,868.1
June 2019	W	W	W	20,942.5	W	801.7	21,816.4	21,930.6
July 2018	W	W	W	W	W	W	23,698.0	23,816.3
Alaska								
July 2019	-	W	W	W	-	W	W	757.5
June 2019	-	W	W	W	-	W	557.2	W
July 2018	-	W	W	W	-	W	W	W
Arizona								
July 2019	-	W	-	W	-	-	W	2,724.9
June 2019	-	-	-	2,749.1	-	-	2,749.1	2,749.1
July 2018	-	-	-	2,728.0	-	-	2,728.0	2,728.0
California								
July 2019	W	W	-	W	-	W	10,813.0	10,822.3
June 2019	W	W	-	W	-	W	10,078.7	10,087.7
July 2018	W	W	-	W	-	W	12,543.9	12,557.5
Hawaii								
July 2019	-	-	-	312.8	W	W	691.3	691.3
June 2019	-	-	-	357.9	W	W	W	W
July 2018	-	-	-	314.7	W	W	W	W
Nevada								
July 2019	W	-	W	1,544.9	-	-	W	1,546.5
June 2019	-	W	W	W	-	-	W	1,629.4
July 2018	-	-	W	W	-	-	1,484.7	1,484.7
Oregon								
July 2019	-	-	-	W	-	W	2,250.5	2,250.5
June 2019	-	W	-	2,339.8	-	W	W	2,345.2
July 2018	W	W	-	W	-	W	2,416.5	2,417.3
Washington								
July 2019	W	W	W	3,031.1	-	W	3,074.5	3,075.2
June 2019	W	W	W	3,360.7	-	W	3,546.1	3,547.4
July 2018	-	W	-	3,315.0	-	W	W	3,376.2

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

Note: - Total Distillate = No. 1 Distillate + No. 2 Distillate + No. 4 Fuel Oil (published on Table 46). - In January 2007, ultra low-sulfur diesel fuel was added. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2018 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration, Form EIA-782C, *Monthly Report of Prime Supplier Sales of Petroleum Products Sold for Local Consumption*.